SCHEMATIC DIAGRAM PARTS LIST P.C. BOARD

KENWOOD

PD56-6(D) PD56-10(D)

Constant-Voltage Current Power Supply

PARTS LIST

MAIN CHASSIS (PD56-10)

REF. NO	PARTS NO	NAME & DESCRIPTION
BF. NU	A01-1164-13	CASE
	A10-1448-12	CHASSIS
	A 20 - 2794 - 05	PANEL (DIECAST)
	A21-1081-03	DECORATIVE PANEL
	B07-0713-04	ESCUTCHEON
	840-2765-04	NAME PLATE (SERIAL NO)
	B40-2877-03	NAME PLATE (KENWOOD)
	B41-0627-14	CAUTION LABEL (LINE VOL)
	B41-0791-04 B50-7586-20	CAUTION LABEL (FUSE) INSTRUCTION MANUAL
	E18 - 0363 - 05	INLET SOCKET
	E20-0491-05	TERMINAL BLOCK 4P
	E20-1291-15	TERMINAL BLOCK 12P
	E21-0653-03	TERMINAL (BULE)
	E21-0665-03	TERMINAL (GLAY)
	E21-0666-03	TERMINAL (RED)
	E23-0541-05	EARTH LUG
	E23-0542-05	EARTH LUG
	E29-0506-04	SHORTING BAR (PANEL)
	E29-0536-14	SHORTING BAR (CONTROL TERM.)
	E29-0537-14	SHORTING BAR (REAR OUT PUT)
	E30-1819-05	CEE CORD
	E31 - 2753 - 05	LEAD WIRE WITH CONNECTOR
	E33-4109-00	WIRE ASSY
	F01-0853-14 F01-0854-34	HEAT SINK HEAT SINK
	F06-8023-05	FUSE (8A)
	F19-0712-05	CAP FOR DP-652
	F20-0625-04	INSULATOR
	F20-0657-25	INSULATOR
	HO1-5811-14	CARTON BOX
	HIO-2823-12	FOAMED STYRENE PAD (F)
	H10-2824-12	FOAMED STYRENE PAD (R)
	H21-0806-04	PROTECTION SHEET (SET)
	H21-0831-14	PROTECTION SHEET (AC CORD)
	H25-0029-04	POLYETHYLENE BAG (FUSE)
	J02-0049-14	LEG
	J11-0504-05	CLAMPER
	J13-0506-05	FUSE HOLDER
	J21-0392-04	HOLDER FOR OUTPUT LEAD
	J21 - 2912 - 05	HOLDER FOR LED BRACKET
	J21-2948-04 J21-2949-04	BRACKET
	J21-2949-04 J21-4557-04	BRACKET (FOR TRANSISTOR)
	J21-4551-04 J21-4558-04	BRACKET (FOR TRANSISTOR)
	J21-4559-14	BRACKET (FOR HEAT SINK)
	J21-4560-04	BRACKET (FOR HEAT SINK)
	J21-4561-04	BRACKET (FOR METER)
	J21-4570-23	BRACKET (FOR PCB)
	J21-4577-05	BRACKET
	J32-0876-05	BOSS
	J61-0049-05	WIRE BAND
	J61-0525-05	WIRE WRAPPING BAND

Y86-1260-61

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	E31-2517-05		
P 0 1 2	E31-2518-05	LEAD WIRE WITH	H CONNECTOR
P309	E31-2751-05	LEAD WIRE WIT	R CONNECTOR
R 0 1 0	R92-1172-05	RES. FIXED	0.036
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R014	R92-1188-05	RES. FIXED	270
RUIA	K32-1100-U3	RES. PIAED	210
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R020	R92-1170-05	RES. FIXED	1 K
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V R O O 1	R29-0505-05	V.R.	10K
VR002	R05-3508-05	V.R.	10 K

MAIN CHASSIS (PD56-10D)

Y86-1270-61

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	N19-0191-05	WAS													c	9	1	n								
	N19-0717-05 N19-0726-04	WAS				M	יוט	1	1 6		M	L		A	U	ð	1	U								
	N32-3006-41	SCI	RE	١,							D															
	N32-3008-41 N33-4008-41	SCI				F	LA	1	•	H	D								v	5						
	N88-4012-41	SCF				F	LA	I	1	H	D		T													
	N89-3008-41	SCI																Ī	-							
	N89-3012-41 N89-3014-41	SCI																I								
	N89-4014-41	SCI	RE	١,		B	I	I	1	N	G															
	S51-1518-05 T40-0405-05	THE																								
	X73-1700-00	AME	PL	F	ī	E	R	ŧ	J N	I	T															
	X76-1260-07 X77-1400-03	DIG																				N.				
	X81-1590-01	OVE											U	1	C	u	1	1	U	P	U	П	1.			
	X81-1980-07	COL									I	T														
	001-0501-05 212-1018-05	COA		-	_)															
	212-3017-05	TUE	3 E	(P	L	A S	1	I	C																
C001 C002	C90-0959-05 C90-0960-05	CAF													0 8					0.0) V	
C002	C90-0961-05	CAF													6					2 O 2 O					3 V 3 V	
C 0 0 4	C91-1243-05	CAF												0		4	7			0	7	1	2 5	5 (V	
C005	NO USE B31-2686-05	SPA	R	(K	ı	ււ	. E	R		A		s	S	Y											
0010																•										
C010 C011	CE04W1E101M CE04W1E101M	CAF					CI								0 0					20 20					, V	
0001	CD 0 0 F																									
D001 D002	CRO9E CRO9E	TRY																								
0000	601 0517 05	1 7 4	. n	L	•	р.	,	2.1		4	**		~	^	al I	M	р.		7 4	۸n						
D008 D009	E31-2517-05 E31-2517-05	LEA																		OR OR						
D010	E31-2518-05	LEA	-				E	W	I	T	H		C	0	N	N	e	C '	T (0R						
D011	TNR15G431K	VAF	(13	5 1	U	K																				
P001	E31-2752-05	LEA																		R						
P 0 0 2	E31-2752-05	LEA	(D	H	I	R	E	H	i I	T	H		C	0	N	N	E	C	T (0R						
P005	E31-2514-05	LEA	D	W	I	R	E	W	I	T	H		C	0	N	N	C	T	0 1	R						
P009	E31-2514-05	LEA	D	W	ī	R	E	W	1	T	н		C	0	N I	N	C	T	0 1	R						
P 0 1 0	E31-2517-05	LEA	D	W	I	R	E	W	I	Ť	H									R						
P011 P012	E31-2517-05 E31-2518-05	LEA		W	_				I											OR OR						
P201	E31-2519-05	LEA																			F	0 1	? !	1 6	R	
P202	E31-2519-05 E31-2519-05	LEA																		15						
P203 P204	NO USE	LEA	U	98	1	K	2	A		3	3	I		1		•	1 .	K	9 (15	r	0 1	(P	1 6	K	
P205	E31-2750-05	LEA	D	₩	I	R	E	W	I	T	H		C	0	N I	N	2	C '	r	R						
P309	E31-2751-05	LEA	D	W	1	RI	E	W	I	T	H		C	0	N I	V I	E	C '	r)R						
R010	R92-1172-05	RES		r	1	X	E D						1	U	٠ ا	,	31	b								
R014	R92-1188-05	RES		F	1	X I	g D						1	2	7 1)										
R 0 2 0	R92-1170-05	RES		F	I	X	E D							1	K											
S 0 0 1	\$59-1502-05	SWI	ŤC	H		((: I	R	C	U	I	T	1	P	R () '	T I	E (C 1	D	R)				
T 0 0 1	L01-9626-05	POW							F	0	R	M	EI	R'												
T002	L15-0409-05	CHO	RK		C	0 1	L																			
U203	UPC7805N	IC,																								
U 2 0 4	UPC7805H	10,		U	L	4 1	ı G	E		ĸ	C	u					ائن	ĸ								
	R29-0505-05 R05-3508-05	V.R													0 1											
	. 32 3300 30		•										•	• '		•										

MAIN CHASSIS (PD56-6)

Y86-1280-61

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REP. NO PARTS NO
                                              NAME & DESCRIPTION
            A01-1152-03
                                        CASE
            A10-1446-22
                                        CHASSIS
                                        PANEL (DIECAST)
DECORATIVE PANEL
            A20-2794-05
            A21-1081-03
B07-0713-04
                                        ESCUTCHEON
                                        NAME PLATE (SERIAL NO)
NAME PLATE
CAUTION LABEL (LINE VOL)
CAUTION LABEL
            B40-2879-03
B41-0627-14
            B41-0792-04
                                         INSTRUCTION MANUAL
            B50-7586-20
E18-0363-05
                                        INLET SOCKET
TERMINAL BLOCK
            E20-0491-05
                                        TERMINAL BLOCK
TERMINAL (BULE)
TERMINAL (GLAY)
TERMINAL (RED)
EARTH LUG
EARTH LUG
             E20-1291-15
                                                                     12P
            E21-0653-03
            E21-0665-03
             E21-0666-03
            E23-0541-05
E23-0542-05
                                        SHORTING BAR (PANEL)
SHORTING BAR (CONTROL TERM.)
SHORTING BAR (REAR OUT PUT)
             E29-0506-04
            E29-0536-14
E29-0537-14
E30-1819-05
                                         CEE CORD
                                        LEAD WIRE WITH CONNECTOR
WIRE ASSY
HEAT SINK
HEAT SINK
            E31-2754-05
E33-4094-00
F01-0853-14
             F01-0854-34
                                        FUSB
CAP FOR DP-652
INSULATOR
            F04-5021-05
F19-0712-05
             F20-0657-25
                                         CARTON BOX
FOAMED STYRENE PAD (F)
FOAMED STYRENE PAD (R)
             H01-5813-14
             H10-2823-12
             H10-2824-12
             H21-0806-04
H21-0831-14
                                         PROTECTION SHEET (SET)
PROTECTION SHEET (AC CORD)
POLYETHYLENE BAG (FUSE)
             H25-0029-04
J02-0049-14
                                          LEG
             J11-0504-05
                                          CLAMPER
                                         FUSE HOLDER
HOLDER FOR OUTPUT LEAD
HOLDER FOR LED
             J13-0506-05
             J21-0392-04
              121-2912-05
             J21-2948-04
                                          BRACKET
             J21-2949-04
J21-4557-04
                                          BRACKET
                                         BRACKET (FOR TRANSISTOR)
BRACKET (FOR TRANSISTOR)
BRACKET (FOR HEAT SINK)
BRACKET (FOR HEAT SINK)
             J21-4558-04
             J21-4559-14
J21-4560-04
                                          BRACKET (FOR METER)
BRACKET (FOR PCB)
              J21-4561-84
             J21-4570-23
             J32-0876-05
J61-0049-05
                                          BOSS
                                          WIRE BAND
WIRE WRAPPING BAND
BOARD SUPPORT
             J61-0525-05
             J61-0526-05
K01-0410-05
                                          HANDLE
             K21-0877-03
                                          KNOB
             K27-0528-14
N09-0623-04
                                          KNOB
                                          SCREW
                                                                      M 3 X 8
             NO9-0626-04
                                          SCREW
                                                                      M 3X10
                                                                      M 4X8
M 5X10
              NO9-0654-05
                                          SCREW
             N09-0723-05
N09-0725-15
                                          SCREW
              NO9-0732-05
                                          SCREW
                                                                      M 5 X 8
              N14-0404-04
                                          NUT
              N14-0620-05
              N.19 - 0717 - 05
                                          WASHER NONMETAL AC310
              N19-0726-04
                                          WASHER
                                          SCREW, PAN HD
              N30-4016-41
N32-3006-41
                                         SCREW 1 ND M 3X6 M 2.6X5 SCREW, PLAT HD TAP TITE SCREW, BINDING TAP TITE SCREW, BINDING TAP TITE SCREW, BINDING TAP TITE THE SCREW, BINDING TAP TITE THE MALL SENSOR INDUCTION MOTOR AMPLIFIER UNIT
                                          SCREW, PLAT HD
                                                                      M 3X6
              N33-4008-41
              N88-4012-41
N89-3008-41
              N89-3012-41
              N89-3014-41
              N89-4014-41
              $51 - 1518 - 05
              T40-0405-05
              X73 - 1690 - 80
X77 - 1400 - 03
                                          OVER VOLTAGE PROTECTION UNIT
                                           RECTIFIRE UNIT
              X81 - 1590 - 02
                                          CURRENT DIFECTER UNIT
CONSTANT. I UNIT
              X81 - 1850 - 00
              X81-1980-08
              001-0501-05
                                           COATING WIRE
```

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REF. NO PARTS NO
                                 NAME & DESCRIPTION
        212-1018-05
212-3017-05
                             TUBE (PLASTIC)
TUBE (PLASTIC)
        C90-0962-05
                             CAP. ELECTRO
                                                  6800
                                                                 8 N V
 C001
                                                          20% 63V
20% 63V
                             CAP. ELECTRO
CAP. ELECTRO
CAP. CERANIC
                                                  580
660
 C002
         C90-0960-05
 C003
        090-0961-05
                                                   6.47
                                                          18% 258V
        C91-1243-05
 C004
 C005
          NO USE
                              SPARK KILLER A'SSY
 C006
        E31-2686-05
                             CAP. ELECTRO
                                                          20% 25V
20% 25V
 C 0 1 0
        CE84W1E101M
        CE04W1E101M
                                                   100
 D001
         CRA9E
                              TRYRISTOR
 D002
                              TRYRISTOR
                             LEAD WIRE WITH CONNECTOR LEAD WIRE WITH CONNECTOR LEAD WIRE WITH CONNECTOR
        E31-2517-05
E31-2517-05
E31-2518-05
 0008
 D009
 D010
                              VARISTOR
 D011
         TNR15G431K
 M001
                              METER
 M002
        B31-0733-05
                              METER
                              LEAD WIRE WITH CONNECTOR
 P001
                             LEAD WIRE WITH CONNECTOR
LEAD WIRE WITH CONNECTOR
         E31-2755-05
        E31-2607-05
E31-2606-05
 P 0 0 3
                                                 CONNECTOR
 P 0 0 4
                              LEAD WIRE WITH CONNCTOR
         E31-2514-05
 P005
                              LEAD WIRE WITH CONNCTOR
 P1119
         E31-2514-05
                              LEAD WIRE WITH CONNECTOR
LEAD WIRE WITH CONNECTOR
         E31-2517-05
 P010
         E31-2517-05
                              LEAD WIRE WITH CONNECTOR
 P012
         E31-2518-05
                              LEAD WIRE WITH CONNECTOR
 P309
         E31-2751-05
                              RES. FIXED
                                                   279
 R 0 1 &
         R92-1188-05
         R92-1170-05
                              RES. FIXED
 R020
  S001 S59-1502-05
                              SWITCH (CIRCUIT PROTECTOR)
  T 0 0 1
         L01-9636-05
                              POWER TRANSFORMER
 T002
         L15-0410-05
                              CHOKE
  VR001 R29-0505-05
                                                   10K
  VR002 R05-3508-05
```

MAIN CHASSIS (PD56-6D)

Y86-1290-61								
REF. NO	PARTS NO	NAME & DESCRIPTION						
	A01-1152-03	CASE						
	A10-1446-22	CHASSIS						
	A20-2794-05	PANEL (DIECAST)						
	A21-1088-03	DECORATIVE PANEL						
	B07-0713-04	ESCUTCHEON						
	B19-0738-13	FILTER						
	B40-2765-04	NAME PLATE (SERIAL NO)						
	B40-2873-03	NAME PLATE (KENWOOD)						
	B41-0627-14	CAUTION LABEL (LINE VOL)						
	B41-0792-04	CAUTION LABEL						
	B50-7586-20	INSTRUCTION MANUAL						
	E18-0363-05	INLET SOCKET						
	E20-0491-05	TERMINAL BLOCK 4P						
	E20-1291-15	TERMINAL BLOCK 12P						
	E21-0653-03	TERMINAL (BULE)						
	E21-0665-03	TERMINAL (GLAY)						
	E21-0666-03	TERMINAL (RED)						
	E23-0541-05	EARTH LUG						
	E23-0542-05	EARTH LUG						
	E29-0506-04	SHORTING BAR (PANEL)						
	E29-0536-14	SHORTING BAR (CONTROL TERM.)						
	E29-0537-14	SHORTING BAR (REAR OUT PUT)						
	E30-1819-05	CEE CORD						
	E31-2754-05	LEAD WIRE WITH CONNECTOR						
	E33-4094-00	WIRE ASSY						
	F01-0853-14	REAT SINK						
	F01-0854-34	HEAT SINK						
	F04-5021-05	FUSE						
	F07-0928-05	COVER						
	F19-0712-05	CAP FOR DP-652						
	F20-0647-05	INSULATOR						
	F20-0657-25	INSULATOR						

REF.NO	PARTS NO	NAME & DESCRIPTION	i
REF. N	H01-5807-14 H10-2823-12 H10-2824-12 H21-0806-04 H21-0831-14 H25-0029-04 J02-0049-14	CARTON BOX FOAMED STYRENE PAD (F) FOAMED STYRENE PAD (R) PROTECTION SHEET (SET) PROTECTION SHEET (AC CORD) POLYETHYLENE BAG (FUSE) LEG	
	J11-0504-05 J13-0506-05 J19-1620-05 J21-0392-04 J21-2912-05 J21-2948-04 J21-2949-04	CLAMPER FUSE HOLDER CORD CLAMP HOLDER FOR OUTPUT LEAD HOLDER FOR LED BRACKET BRACKET	
	J21-4513-03 J21-4557-04 J21-4558-04 J21-4559-14 J21-4560-04 J21-4570-23 J32-0876-05	BRACKET FOR PCB BRACKET (FOR TRANSISTOR) BRACKET (FOR TRANSISTOR) BRACKET (FOR HEAT SINK) BRACKET (FOR HEAT SINK) BRACKET (FOR PCB) BOSS	
	J61-0049-05 J61-0525-05 J61-0526-05 K01-0410-05 K21-0877-13 K27-0528-14 N09-0623-04	WIRE BAND WIRE WRAPPING BAND BOARD SUPPORT HANDLE KNOB KNOB SCREW M 3X8	
	NO9-0626-04 NO9-0654-05 NO9-0723-05 NO9-0725-15 NO9-0732-05 N14-0404-04 N14-0620-05	SCREW M 3X10 SCREW M 4X8 SCREW M 5X10 SCREW M 4X12 SCREW M 5X8 NUT	
	N19-0191-05 N19-0717-05 N19-0726-04 N32-3006-41 N32-3008-41 N33-4008-41	WASHER NONMETAL WASHER NONMETAL AC310 WASHER SCREW, FLAT HD M 3X6 SCREW, FLAT HD M 3X8 SCREW M 2.6X5	
	N88-4012-41 N89-3008-41 N89-3012-41 N89-3014-41 N89-4014-41 S51-1518-05 T40-0405-05	SCREW, FLAT HD TAP TITE SCREW, BINDING TAP TITE SCREW, BINDING TAP TITE SCREW, BINDING TAP TITE SCREW, BINDING TAP TITE THERMAL SENSOR INDUCTION MOTOR	
•	X73-1700-00 X76-1260-08 X77-1400-03 X81-1590-02 X81-1850-01 X81-1980-08 001-0501-05	AMPLIFIER UNIT DIGITAL PANEL METER UNIT OVER VOLTAGE PROTECTION UNIT RECTIFIRE UNIT CURRENT DIFECTER UNIT CONSTANT. I UNIT COATING WIRE	
C001 C002 C003 C004 C005	212-1018-05 212-3017-05 C90-0962-05 C90-0960-05 C90-0961-05 C90-0961-05 NO USE E31-2686-05	TUBE (PLASTIC) TUBE (PLASTIC) CAP. ELECTRO 6800 80V CAP. ELECTRO 580 20% 63V CAP. ELECTRO 660 20% 63V CAP. CERAMIC 0.47 10% 250V SPARK KILLER A'SSY	The second secon
C010 C011	CE04W1E101M CE04W1E101M	CAP. ELECTRO 100 20% 25V CAP. ELECTRO 100 20% 25V	
D001 D002	CRO9E CRO9E	TRYRISTOR TRYRISTOR	
D008 D009 D010 D011	E31-2517-05 E31-2517-05 E31-2518-05 TNR15G431K	LEAD WIRE WITH CONNECTOR LEAD WIRE WITH CONNECTOR LEAD WIRE WITH CONNECTOR VARISTOR	
P001 P002	E31-2755-05 E31-2755-05	LEAD WIRE WITH CONNECTOR LEAD WIRE WITH CONNECTOR	
P005	E31-2514-05	LEAD WIRE WITH CONNECTOR	
P009 P010 P011 P012	E31-2514-05 E31-2517-05 E31-2517-05 E31-2518-05	LEAD WIRE WITH CONNCTOR LEAD WIRE WITH CONNECTOR LEAD WIRE WITH CONNECTOR LEAD WIRE WITH CONNECTOR	
P 2 0 1	E31-2519-05	LEAD WIRE A'SSY IC, TRANSFORMER	

P202 E31-2519-05 LEAD WIRE A'SSY IC, TRANSFORMER P203 E31-2519-05 LEAD WIRE A'SSY IC, TRANSFORMER P204 NO USE LEAD WIRE WITH CONNECTOR P309 E31-2756-05 LEAD WIRE WITH CONNECTOR R014 R92-1188-05 RES. FIXED 270 R020 R92-1170-05 RES. FIXED 1K S001 S59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K		PARTS NO	NAME & DE	
P204 NO USE P205 E31-2756-05 LEAD WIRE WITH CONNECTOR P309 E31-2751-05 LEAD WIRE WITH CONNECTOR R014 R92-1188-05 RES. FIXED 270 R020 R92-1170-05 RES. FIXED 1K S001 S59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	P 2 0 2	E31-2519-05	LEAD WIRE A'	SSY IC, TRANSFORMER
P205 E31-2756-05 LEAD WIRE WITH CONNECTOR P309 E31-2751-05 LEAD WIRE WITH CONNECTOR R014 R92-1188-05 RES. FIXED 270 R020 R92-1170-05 RES. FIXED 1K S001 S59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	P203	E31-2519-05	LEAD WIRE A'	SSY IC, TRANSFORMER
P309 E31-2751-05 LEAD WIRE WITH CONNECTOR R014 R92-1188-05 RES. FIXED 270 R020 R92-1170-05 RES. FIXED 1K S001 S59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	P 2 0 4	NO USE		
R014 R92-1188-05 RES. FIXED 270 R020 R92-1170-05 RES. FIXED 1K S001 S59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	P205	E31-2756-05	LEAD WIRE WI	TH CONNECTOR
R014 R92-1188-05 RES. FIXED 270 R020 R92-1170-05 RES. FIXED 1K S001 S59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K				
R020 R92-1170-05 RES. FIXED 1K S001 S59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	P309	E31-2751-05	LEAD WIRE WI	TH CONNECTOR
R020 R92-1170-05 RES. FIXED 1K S001 S59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	0.014	DAG 1100 AF	DD0 D1400	070
\$001 \$59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	KUI4	KAZ-1188-02	RES. PIXED	270
\$001 \$59-1502-05 SWITCH (CIRCUIT PROTECTOR) T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	P 0 2 0	R92-1170-05	DES BIYED	1 V
T001 L01-9636-05 POWER TRANSFORMER T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K		#35 III 0 00	ALS, IIALD	3 15
T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	S001	559-1502-05	SWITCH (CIRC	UIT PROTECTOR)
T002 L15-0410-05 CHOKE U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K				
U203 UPC7805H IC, VOLTAGE REGULATOR U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	T001	L01-9636-05	POWER TRANSF	ORMER
U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K	T002	L15-0410-05	CHOKE	
U204 UPC7805H IC, VOLTAGE REGULATOR VR001 R29-0505-05 V.R. 10K				
VR001 R29-0505-05 V.R. 10K	U 2 D 3	UPC7805H	IC, VOLTAGE	REGULATOR
	U 2 0 4	UPC7805H	IC, VOLTAGE	REGULATOR
			V.R.	10 K
VRUUZ KU5-35U8-U5 V.R. 10K	VR002	R05-3508-05	V.R.	1 0 K

AMPLIFIER UNIT (PD56-6/10) X73-1690-00

X73-1690-00							
EF.NO	PARTS NO	NAME & DESCR	IPTION				
	E23-0047-04	TERMINAL					
	F01-0846-05	HEAT SINK					
	F01-0856-14	HEAT SINK					
	J25-5159-12	PCB (UNMOUNTED)					
	N09-0623-04	SCREW	M 3X8				
	212-1018-05 212-2010-05	TUBE (PLASTIC) TUBE (PLASTIC)					
C 0 0 1	CF92V1H473J	CAP. POLYESTER	0.047 5% 51				
C002	CF92V1H473J	CAP. POLYESTER	0.047 5% 50				
0003	C90-0924-05	CAP. ELECTRO	330 50				
0004	CE04W1E100M	CAP. ELECTRO	10 20% 25				
0005	CE04DW1E221M	CAP. ELECTRO	220 20% 25				
0006	C90-0939-05	CAP. ELECTRO	470 35				
C007	CE04W1E100M	CAP. ELECTRO	10 20% 25				
C008 C009	CEO4WIE100M	CAP. ELECTRO	10 20% 25 220 20% 25				
0010	CED4DW1E221M C90-0924-05	CAP. ELECTRO CAP. ELECTRO	220 20% 25 330 51				
011	CE04W1E101M	CAP. ELECTRO	100 20% 25				
0112	CEO4W1HR33M	CAP. ELECTRO	0.33 20% 50				
013	CED4W1H4R7H	CAP, ELECTRO	4.7 20% 51				
014	CE04W1E100M	CAP. ELECTRO	10 20% 25				
C015	CE04AW1H010M	CAP. ELECTRO	1 28% 5				
C016	CC45CH1H101J	CAP. CERAMIC	100P 5% 51				
C017	CE04AW1H010M	CAP. ELECTRO	1 20% 5				
C018	CC45CH1H101J	CAP. CERAMIC	100P 5% 51				
C019	CE04AW1JR82M	CAP. ELECTRO	0.82 20% 6				
C020	CQ92P2A471J	CAP. MYLAR	470P 5% 10				
C021	NO USE	CAR MALAR	22000 EW 11				
C 0 2 2 C 0 2 3	CQ92P2A332J NO USE	CAP, MYLAR	3300P 5% 1				
C023	CF92V1H332J	CAP. POLYESTER	3300P 5% 50				
028	CC45CH1H101J	CAP. CERAMIC	100P 5% 50				
C029	NO USE						
C030	CC45CH1H101J	CAP. CERAMIC	100P 5% 50				
C 0 3 1 C 0 3 2	CF92V1H103J CC45CH1H101J	CAP. POLYESTER CAP. CERAMIC	0.01 5% 50 100P 5% 50				
033	CF92V1H103J	CAP. POLYESTER	0.01 5% 5				
C 8 3 4	CF92V1H103J	CAP. POLYESTER	0.01 5% 51				
035	CF92V1H103J	CAP. POLYESTER	0.01 5% 5				
036	CF92V1H473J	CAP. POLYESTER	0.047 5% 51				
037	CF92V1H103J	CAP. POLYESTER	0.01 5% 51				
038	CF92V1H473J	CAP. POLYESTER	0.047 5% 51				
039	CF92V1H473J	CAP. POLYESTER	0.047 5% 51				
C 0 4 0	CF92V1H473J	CAP. POLYESTER	0.047 5% 51				
041	CF92V1H473J	CAP. POLYESTER	0.047 5% 51				
042	CC45CH1H101J	CAP. CERAMIC	100P 5% 51				
043	CC45CH1H1D1J	CAP. CERAMIC	100P 5% 51				
0044	CF92V1H472J	CAP. POLYESTER	4700P 5% 50				
C 8 4 5	CF92V1H472J	CAP. POLYESTER					
C 0 5 0	CF92V1H473J	CAP. POLYESTER	0.047 5% 51				
051	CF92V1H473J	CAP. POLYESTER	0.047 5% 50 330 50				
C 0 5 2 C 0 5 3	C90-0924-05	CAP. ELECTRO CAP. POLYESTER	330 59 0.01 5% 50				
C 0 5 4	CF92V1H103J CF92V1H103J	CAP. POLYESTER	0.01 5% 5				
C 0 5 5	CE04W1E100M	CAP. ELECTRO	10 207 2				

RBF.NO C057 C058 C059 C0661 C062 C063 C064 C065 C066 C067 C068 C069	PARTS NO CF92V1H103J CF92V1H103J CE04W1E100M CF92V1H103J CC45CH1H470J C91-0595-05 CC45CH1H101J CF92V1H102J CF92V1H103J CF92V1H103J CF92V1H103J CF92V1H103J CF92V1H473J CF92V1H473J CF92V1H473J	NAME & DESCRICAP. POLYESTER CAP. POLYESTER CAP. ELECTRO CAP. POLYESTER CAP. CERAMIC CAP. POLYESTER CAP. CERAMIC CAP. POLYESTER	1PTION 0.01 5% 50 V 0.01 5% 50 V 10 20% 25 V 47P 5% 50 V 47P 5% 50 V 100P 5% 50 V 0.01 5% 50 V	REF.NO Q005 Q006 Q007 Q008 Q009 Q010 Q011 Q012 Q013 Q014 Q015 Q017	PARTS NO 2SB1015 (Y) 2SA1175 (F) 2SA1175 (F) 2SC2481 (O) 2SC2785 (F) 2SC2785 (F) 2SC2785 (F) 2SC2459 (GR) 2SC2481 (O) 2SK170 (BL) 2SK170 (BL) 2SK170 (BL) 2SK170 (BL) 2SK170 (BL)	NAME & DESCRIPTION TR. SI, PNP TR. SI, PNP TR. SI, PNP TR. SI, NPN FET, N-CHANNEL
C 0 7 4 C 0 7 5 C 0 7 6	CC45CH1H101J NO USE CE04W1C471M	CAP. CERAMIC CAP. ELECTRO	470 20% 16V	Q 0 2 2 Q 0 2 3	2SC2481(0) 2SC2481(0)	TR. SI, NPN TR. SI, NPN
D001 D002 D003 D004 D006 D007 D008 D009 D010 D011 D013 D014 D015 D016 D017 D018 D019	S1VB20 S1VB20 DSA1A2 DSA1A2 NO USE RD13F(B2) MTZ9.1JC 1SS132 MTZ9.1JC 1SS132 MTZ9.1JC 1SS132 1SZ59(T) 1SZ59(T) 1SS132 1SZ59(T) 1SS132 1SS132 1SS132 1SS132 1SS132	DIODE DIODE DIODE DIODE DIODE DIODE ZENER DIODE DIODE ZENER DIODE DIODE DIODE DIODE	13V 9V 13V 9V 4.5V 6.25V 6.25V	R 0 0 1 R 0 0 2 R 0 0 3 R 0 0 4 R 0 0 5 R 0 0 6 R 0 0 7 R 0 0 9 R 0 1 0 R 0 1 1 R 0 1 2 R 0 1 3 R 0 1 4 R 0 1 7 R 0 1 8 R 0 1	RD14BB2C101J RD14BB2C101J RD14DB3D471J R92-1161-05 RD14DB2H512J RD14BB2C102J RD14BB2C102J RD14BB2C153J R92-1144-05 R92-1144-05 R92-1161-05 RD14DB2H512J RD14BB2C102J RD14BB2C53J R92-1131-05 RD14BB2C102J	RES. CARBON 100 5% 1/6H RES. CARBON 470 5% 2M RES. CARBON 470 5% 1/4H RES. CARBON 560 5% 1/4H RES. CARBON 5.1K 5% 1/2H RES. CARBON 1K 5% 1/6H RES. CARBON 1K 5% 1/6H RES. CARBON 15K 5% 1/6H RES. CARBON 15K 5% 1/6H RES. MRTAL FILM 7.5K 1% 1/5H RES. CARBON 560 5% 1/4H RES. CARBON 1K 5% 1/6H RES. CARBON 15K 5% 1/6H RES. METAL FILM 360 1% 1/5H RES. METAL FILM 360 1% 1/5H RES. METAL FILM 309K 1% 1/5H RES. METAL FILM 430 1% 1/5H RES. METAL FILM 430 1% 1/5H
D 0 2 2 D 0 2 3 D 0 2 4 D 0 2 5 D 0 2 6 D 0 2 7 D 0 2 8 D 0 2 9 D 0 3 0 D 0 3 1 D 0 3 2	1SS132 1SS132 1SS132 1SS132 1SS132 1SS132 MTZ5.IJB 1SS132 MTZ5.IJB DSA1A2 DSA1A2	DIODE DIODE DIODE DIODE DIODE DIODE DIODE, ZENER DIODE DIODE, ZENER DIODE DIODE DIODE DIODE	5 V 5 V	R024 R025 R026 R027 R028 R029 R030 R031 R032 R033 R034 R035	RD14BB2C153J RD14BB2C153J RD14BB2C243J RD14BB2C121J RD14BB2C182J RD14BB2C181J RM14BE2E5101D RD14BB2C102J R92-1150-05 R92-1138-05 RD14BB2C151J R92-1146-05	RES. CARBON 15K 5% 1/6W RES. CARBON 24K 5% 1/6W RES. CARBON 12O 5% 1/6W RES. CARBON 12O 5% 1/6W RES. CARBON 1.8K 5% 1/6W RES. CARBON 18O 5% 1/6W RES. METAL FILM 5.1K 0.5%1/4W RES. CARBON 1K 5% 1/6W RES. METAL FILM 10OK 1% 1/5W RES. METAL FILM 36O 1% 1/5W RES. CARBON 15O 5% 1/6W RES. METAL FILM 36O 1% 1/5W RES. CARBON 15O 5% 1/6W RES. METAL FILM 11K 1% 1/5W RES. METAL FILM 11K 1% 1/5W
D 0 4 1 D 0 4 2 D 0 4 3 D 0 4 4 D 0 4 5 D 0 4 6 D 0 4 7	S1 V B 2 0 DS A 1 A 2 DS A 1 A 2 DS A 1 A 2 DS A 1 A 2 MT Z G . 2 J B 1 S S 1 3 2	DIODE DIODE DIODE DIODE DIODE DIODE DIODE DIODE ZENER DIODE	6.1V	R 0 3 6 R 0 3 7 R 0 3 8 R 0 3 9 R 0 4 0 R 0 4 1 R 0 4 2	RN14BE2E5601D RD14BB2C102J R92-1150-05 R92-1138-05 RD14BB2C221J NO USE RN14BE2H1002D	RES. METAL FILM 5.6K 0.5%1/4W RES. CARBON 1K 5% 1/6W RES. METAL FILM 100K 1% 1/5W RES. METAL FILM 360 1% 1/5W RES. CARBON 220 5% 1/6W RES. METAL FILM 10K 0.5%1/2W
D048 D049 D050 D051 D052 D053 D055 D056 D057	1 S S 1 32 1 S S 1 32 1 S S 1 32 R D 1 O F (B 2) R D 1 O F (B 2) 1 S S 1 32 1 S S 1 32 1 S S 1 32 1 S S 1 32	DIODE DIODE DIODE DIODE ZENER DIODE ZENER DIODE DIODE DIODE DIODE DIODE DIODE	10 V 18 V	R043 R044 R045 R046 R047 R049 R050 R051 R052	RN14BE2H2802D RN14BE2H1802D RN14BE2H1002D RN14BE2H1002D RD14BB2C102J RD14BB2C102J RD2-1148-05 RD14BB2C102J RD14BB2C102J RD14BB2C102J RD14BB2C162J RD14BB2C162J	RES. METAL FILM 28K 0.5% 1/2W RES. METAL FILM 10K 0.5%1/2W RES. METAL FILM 374 0.5%1/2W RES. CARBON 1K 5% 1/6W RES. CARBON 1 1 1/5 1/5W RES. CARBON 1 1 1/5W RES. CARBON 1 1/6W 1/5%1/6W RES. CARBON 1 1/6W 1/5%1/6W RES. CARBON 1 1/6W 1/6W RES. CARBON 1 1/6W 1/6W 1/6W 1/6W 1/6W 1/6W 1/6W 1/
- D058 D059 D060 D061 D062 D063 D064 D065	1 S S 1 32 M T Z 8 . 2 J C 1 S S 1 32 1 S S 1 32	DIODE DIODE ZENER DIODE DIODE DIODE DIODE DIODE DIODE DIODE	9.6V	R054 R055 R056 R056 R058 R059 R060	R914BB2C1025 R92-1131-05 R92-1131-05 RD14BB2C122J RD14BB2C101J RD14BB2C102J RD14BB2C102J RD14BB2C102J RD14BB2C102J	RES. CARBON 1.06 5% 1/6W RES. MRTAL FILM 4.3K 1% 1/5W RES. CARBON 1.2K 5% 1/6W RES. CARBON 100 5% 1/6W RES. CARBON 1K 5% 1/6W
P 0 0 3 P 0 0 4	E 4 0 - 0273 - 05 E 4 0 - 0273 - 05	PIN CONNECTOR PIN CONNECTOR	2 P 2 P	R D G 2 R D G 3 R D G 4	RD14BB2C122J RD14BB2C473J R92-1145-05	RES. CARBON 1.2K 5% 1/6W RES. CARBON 47K 5% 1/6W RES. METAL FILM 10K 1% 1/5W
0001 0002 0003 0004	2 S D 1 406 (Y) 2 S C 2785 (F) 2 S C 2785 (F) 2 S A 1 021 (O)	TR, SI, NPN TR, SI, NPN TR, SI, NPN TR, SI, PNP		R 0 6 5 R 0 6 6 R 0 6 7 R 0 6 8	RD14DB3A101J R92-1132-05 RD14BB2C1D4J R92-1150-05	RES. CARBON 100 5% 1W RES. METAL FILM 712 1% 1/5W RES. CARBON 100K 5% 1/6W RES. METAL FILM 100K 1% 1/5W

REF.NO PARTS NO R069 R92-1141-05 R070 R92-1137-05 R071 R014BB2C471J R072 R92-1143-05 R073 R92-1148-05 R074 RD14BB2C104J R075 RD14BB2C104J R076 R92-1140-05 R077 R92-1141-05 R078 R92-1137-05 R079 RD14BB2C471J R080 R92-1143-05 R081 R92-1144-05 R081 R92-1145-05 R082 R92-1142-05 R083 R014BB2C104J R084 R92-1150-05 R085 R92-1136-05 R086 R014BB2C101J R087 R92-1142-05 R088 R92-1142-05 R088 R92-1140-05 R088 R92-1140-05 R089 R014BB2C333J R090 R014BB2C333J R091 R0 USE	NAME & DESCRIPTION RES. METAL FILM 4.7K 1% 1/5W RES. METAL FILM 150 1% 1/5W RES. CARBON 470 5% 1/6W RES. METAL FILM 6.8K 1% 1/5W RES. METAL FILM 18K 1% 1/5W RES. CARBON 100K 5% 1/6W RES. CARBON 100K 5% 1/6W RES. METAL FILM 100K 1% 1/5W RES. METAL FILM 150 1% 1/5W RES. METAL FILM 150 1% 1/5W RES. METAL FILM 150 1% 1/5W RES. METAL FILM 6.8K 1% 1/5W RES. METAL FILM 6.8K 1% 1/5W RES. METAL FILM 5.1K 1% 1/5W RES. METAL FILM 5.1K 1% 1/5W RES. METAL FILM 100K 5% 1/6W RES. METAL FILM 100K 1% 1/5W RES. METAL FILM 5.1K 1% 1/5W RES. METAL FILM 100K 1% 1/5W RES. CARBON 100 5% 1/6W RES. CARBON 33K 5% 1/6W
R093 RD14BB2C473J R094 RD14BB2C473J R095 RD14BB2C241J	RES. CARBON 47K 5% 1/6W RES. CARBON 47K 5% 1/6W RES. CARBON 240 5% 1/6W
R098 R92-1061-05	JUMPING RES. ZERO OHM
R099 NO USE R100 RD14BB2C101J R101 RD14BB2C101J R102 RD14DB2H392J R103 RD14BB2C103J R104 RD14BB2C153J R105 RD14BB2C123J R106 RD14BB2C123J R107 RD14BB2C332J R107 RD14BB2C332J R107 RD14BB2C32J R108 R92-1152-05 R109 RD14BB2C104J R110 RD14BB2C222J R111 R92-1149-05 R112 RD14BB2C6B2J R111 R92-115-05 R112 RD14BB2C470J R115 RD14BB2C472J R116 RD14BB2C472J R116 RD14BB2C472J R117 RD14BB2C103J	RES. CARBON 100 5% 1/6W RES. CARBON 100 5% 1/6W RES. CARBON 3.9K 5% 1/2W RES. CARBON 10K 5% 1/6W RES. CARBON 15K 5% 1/6W RES. CARBON 15K 5% 1/6W RES. CARBON 3.3K 5% 1/6W RES. CARBON 4.7K 5% 1/6W RES. CARBON 4.7K 5% 1/6W RES. CARBON 100K 5% 1/6W RES. CARBON 2.2K 5% 1/6W RES. CARBON 6.8K 5% 1/6W RES. CARBON 6.8K 5% 1/6W RES. CARBON 6.8K 5% 1/6W RES. CARBON 100K 5% 1/6W
R119 RD14BB2C122J R120 RD14DB3D472J R121 RD14BB2C104J R122 R92-1076-05 R123 RD14BB2C472J R124 RD14BB2C105J	RES. CARBON 1.2K 5% 1/6W RES. CARBON 4.7K 5% 2W RES. CARBON 100K 5% 1/6W RES. METAL GLAZE27M 5% 1/2W RES. CARBON 4.7K 5% 1/6W RES. CARBON 1M 5% 1/6W
R127 RD14BB2C911J R128 R92-1133-05 R129 RD14BB2C472J R130 RD14BB2C103J R131 R92-1149-05 R132 RD14BB2C102J R133 RD14BB2C102J R133 RD14BB2C102J R136 RD14BB2C102J R137 RD14BB2C102J R138 RD14BB2C102J R139 RD14DB3A330J R141 RD14DB2H102J R142 RD14DB2H102J R144 RD14DB2H102J R141 RD14DB2H102J R141 RD14DB2H102J R142 RD14BB2C103J R041 R92-0150-05 R144 RD14BB2C103J R041 R92-1147-05 R117 RD14BB2C103J R041 R92-1147-05 R117 RD14BB2C224J U001 HJM7815A U003 HJM7815A U003 HJM782D U004 UPC4558C U007 HJM072D	RES. CARBON 910 5% 1/6W RES. METAL FILM 5.6K 1% 1/5W RES. CARBON 4.7K 5% 1/6W RES. CARBON 10K 5% 1/6W RES. CARBON 10K 5% 1/6W RES. CARBON 1K 5% 1/6W RES. CARBON 10K 5% 1/6W RES. CARBON 10K 5% 1/6W RES. CARBON 10K 5% 1/6W RES. CARBON 1 1 K 5% 1/6W RES. CARBON 1 K 5% 1/2W RES. CARBON 1 K 5% 1/2W JUMPING RES. ZERO 0 HM RES. CARBON 1 K 5% 1/2W RES. CARBON 1 C 5% 1/6W
UO11 UPC7915HA	IC, VOLTAGE REGULATOR

REP. NO	PARTS NO	NAME & DESCRIPTION
0012	UPC4558C	OPERATIONAL AMPRIFIER
U 0 1 3		FET INPUT OPERATION AMPLIFIER
	HA17555PS	
0015	TLP521-1(A)	PHOTO COUPLER
VR001	R12-1532-05	RES. SEMI FIXED 2K B
V R O O 2	R12-4511-05	RES. SEMI FIXED 50K B
		RES. SEMI FIXED 5K B
		RES. SEMI FIXED 50K B
		RES. SEMI FIXED 10K B
VR006	R12-3523-05	RES. SEMI FIXED 20K B
VR007	R12-2513-05	RES. SEMI FIXED 5K B
		RES. SEMI FIXED 50K B
		RES. SEMI FIXED 5K B
		RES. SEMI FIXED 50K B
VR011	R12-4508-05	RES. SEMI FIXED 50K B
V D N 2 N	R12-3522-85	RES. SEMI FIXED 10K B
* # 0 2 0	HIE GOEF OO	

AMPLIFIER UNIT (PD56-6D/10D)

X73-1700-00

	74.	0			
REF.NO	PARTS NO	N A	ME & DESCR	IPTION	
	E23-0047-04	TERMI			
	F01-0846-05	HEAT	SINK		
	F01-0856-14	HEAT	SINK		
	J25-5159-12		(UNHOUNTED)		
	N09-0623-04	SCREW		M 3 X 8	
	212-1018-05	TUBE	(PLASTIC)		
	212-2010-05	TUBE	(PLASTIC) POLYESTER	0.047	5% 50V
C001 C002	CF92V1H473J CF92V1H473J	CAP. CAP.	POLYESTER		5% 50V
C002	C90-0924-05	CAP.	ELECTRO	330	50 V
C004	CE04W1E100M	CAP.	ELECTRO		20% 25V
C005	CE04DW1E221M	CAP.	ELECTRO		20% 25V
C006	C90-0939-05	CAP.	ELECTRO	470	35 V
C007	CEO4W1E100M	CAP.	ELECTRO		20% 25V
C088	CE04W1E100M	CAP.	ELECTRO	10	20% 25V
C009	CE04DW1E221M	CAP.	ELECTRO	220	20% 25V
C010	C90-0924-05	CAP.	ELECTRO	330	5 0 V
C011	CEO4W1E101M	CAP.	ELECTRO		20% 25V
C012	CE04W1HR33M	CAP.	ELECTRO		20% 50V
C013	CE04W1H4R7M	CAP.	ELECTRO		20% 50V
C014	CE04W1E100M	CAP.	ELECTRO		20% 25V
C015	CE04AW1H010M	CAP.	ELECTRO		20 % 50 V
C016	CC45CH1H101J	CAP.	CERAMIC		52 50V
C017	CEO4AWIHO10M	CAP.	ELECTRO		2 0% 50V 5 % 50V
C018	CC45CH1H101J	CAP.	CERAMIC		20% 63V
C019	CE04AW1JR82M	CAP.	ELECTRO MYLAR		5% 100
C020 C021	CQ92P2A471J NO USE	CAF.	nican	4 / 0 (100
C022	CQ92P2A332J	CAP.	MYLAR	3300P	5% 100
C023	NO USE	041.		0000	
C 0 2 4	CF92V1H332J	CAP.	POLYESTER	3300P	5% 50V
C 0 2 8	CC45CH1H101J	CAP.	CERAMIC	100P	5% 5 8 V
C029	NO USE				
C030	CC45CH1H101J	CAP.	CERAMIC		5% 50V
C031	CF92V1H103J	CAP.	POLYESTER		5% 50V 5% 50V
C032	CC45CH1H101J	CAP.	CERAMIC		5% 50V
C033	CF92V1H103J CF92V1H103J	CAP.	POLYESTER POLYESTER		5% 50 V
C034	CF92V1H103J	CAP.	POLYESTER		5% 50 V
C036	CF92V1H473J	CAP.	POLYESTER		5 50 V
C037	CF92V1H103J	CAP.	POLYESTER		5% 50 V
C038	CF92V1H473J	CAP.	POLYESTER		5% 50 V
C039	CF92V1H473J	CAP.	POLYESTER		5% 50 V
C 0 4 0	CF92V1H473J	CAP.	POLYESTER	0.047	5% 50 V
C041	CF92V1H473J	CAP.	POLYESTER	0.047	5% 50 V
C042	CC45CH1H101J	CAP.	CERAMIC	100P	57 50 V
C043	CC45CH1H101J	CAP.	CERAMIC	100P	5% 50 V
C 0 4 4	CF92V1H472J	CAP.	POLYESTER	4700P	5% 50 V
C 0 4 5	CF92V1H472J	CAP.	POLYESTER	4700P	5% 50 V
C 0 5 0	CF92V1H473J	CAP.	POLYESTER	0.047	52 50V
C051	CF92V1H473J	CAP.	POLYESTER	0.047	5% 50V
C 0 5 2	C90-0924-05	CAP.	ELECTRO	330	50 V
C 0 5 3	CF92V1H103J	CAP.	POLYESTER	0.01	
C054	CF92V1H103J	CAP.	POLYESTER	0.01 10	5% 50V
C055	CE04W1E100H	CAP.	ELECTRO	330	7 IU A 23 V
C056	C90-0924-05	CAP.	ELECTRO POLYESTER	0.01	52 50V
C057	CF92V1H103J	CAP.	POLYESTER	0.01	50 V
C058	CF92V1H103J	CAP.	ELECTRO	10	0% 25V
C059	CE04W1E100M	CAP.	CLCCINU	10	100 231

FF 60 1 2 2 0 0 6 6 7 8 9 0 7 1 2 2 2 0 0 7 7 5 6 1 2 2 2 2 0 0 7 7 5 6 1 2 2 2 2 2 0 1 1 1 2 2 2 1 1 1	PARTS NO CF92V1H103J C91-0595-05 CC45CH1H101J CF92V1H103J CF92V1H103J CF92V1H103J CF92V1H472J CE04W1E100M CF92V1H473J CE04AW1E100M CF92V1H473J CE04AW1E100M NO USE CF92V1H224J CC45CH1H101J NO USE CE04W1C471M CE04W1E470M CE04W1E470M CE04W1E470M CE04W1E470M CE04W1E470M CE04W1E470M CF92V1H473J	NAME & DESCR CAP. POLYESTER CAP. CERAMIC CAP. POLYESTER CAP. CERAMIC CAP. POLYESTER CAP. POLYESTER CAP. POLYESTER CAP. POLYESTER CAP. ELECTRO CAP. POLYESTER		550VVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVVV		PARTS NO 1SS132 1SS132 1SS132 1SS132 1SS132 1SS132 S1VB20 E40-0273-05 E40-0273-05 E40-0373-05 E40-0273-05 2SD1406(Y) 2SC2785(F) 2SC2785(F) 2SC2481(0) 2SC3064(F) 2SC2785(F) 2SC2785(F) 2SC2785(F) 2SC2785(F) 2SC2785(F) 2SC2785(F)	NAME & DESCRICTION DIODE DIODE DIODE DIODE DIODE DIODE PIN CONNECTOR TR. SI, NPN TR. SI, NPN TR. SI, PNP TR. SI, PNP TR. SI, PNP TR. SI, NPN	PTION 2 P 2 P 6 P 3 P 6 P 2 P
0001 0002 0003 0004 0005 0006 0007	CF9 2 V1 H 1 0 3 J S1 V B 2 0 S1 V B 2 0 D S A 1 A 2 D S A 1 A 2 N 0 U S E R D 1 3 F (B 2) M T Z 9 . 1 J C 1 S S 1 3 2	CAP. POLYESTER DIODE DIODE DIODE DIODE DIODE ZENER DIODE ZENER DIODE	0.01 5%	50V	9013 9016 9017 9020 9021 9022 9023	2SC2481(0) 2SK170(BL) 2SK170(BL) 2SK170(BL) 2SC2785(F) 2SC2481(0) 2SC2481(0)	TR. SI, NPN FET, N-CHANNEL FET, N-CHANNEL TR. SI, NPN TR. SI, NPN TR. SI, NPN	
0020 0021 0022 0023 0024 0025 0026 0027 0028 0029	RD13F(B2) MTZ9.1JC 1SS132 MTZ4.7JA 1SS132 1SZ59(T) 1SZ59(T) 1SZ59(T) 1SZ5132 1SS132	DIODE ZENER DIODE ZENER	13V 9V 4.5V 6.25V 6.25V		R001 R002 R0003 R0004 R0005 R0006 R0009 R010 R0112 R0113 R0114 R015 R0116 R0116 R0117 R0118 R0121	R92-1131-05 R92-1139-05 R92-1140-05	RES. CARBON RES. MRTAL FILM RES. MRTAL FILM RES. CARBON	7.5K 1% 1/5M 470 5% 2H 560 5% 1/4M 55.1K 5% 1/2M 1/5W 2.7 5% 1/6W 2.7 5% 1/6W 360 1% 1/5W 430 1% 1/5W 4.3K 1% 1/5W 4.3K 1% 1/5W 1/5W
D0332 D0032 D00423 D00443 D00443 D00445 D00445 D00455 D00557 D00557 D00561	DSA 1A2 DSA 1A2 DSA 1A2 S1V B 2 D S1V B 2 D SA 1A2 DSA 1A2 MTZ G . 2 J B 1SS 132	DIODE	6.1V 10V 10V		R 0 2 4 8 0 2 2 5 R 0 2 2 7 R 0 2 2 7 R 0 2 2 7 R 0 2 2 9 R 0 3 3 1 2 R 0 3 3 4 R 0 3 3 5 R 0 3 3 7 R 0 3 3 7 R 0 3 3 9 R 0 4 4 1 R 0 4 4 3 R 0 4 4 5 R 0 4 4 5 R 0 4 4 7 R 0 4 4 8 R 0 4 4 7 R 0 4 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 4 8 R 0 8 R	R D 1 4 8 B 2 C 1 5 3 J R D 1 4 8 B 2 C 1 5 3 J R D 1 4 8 B 2 C 1 2 4 3 J R D 1 4 8 B 2 C 1 2 4 3 J R D 1 4 8 B 2 C 1 2 4 3 J R D 1 4 8 B 2 C 1 2 1 J R D 1 4 8 B 2 C 1 8 2 J R D 1 4 8 B 2 C 1 8 1 J R N 1 4 8 B 2 C 1 5 1 9 1 D R D 1 4 8 B 2 C 1 0 2 J R 9 2 - 1 1 5 0 - 0 5 R 9 2 - 1 1 3 8 - 0 5 R D 1 4 8 B 2 C 1 0 2 J R 9 2 - 1 1 4 6 - 0 5 R N 1 4 8 B 2 C 1 0 2 J R 9 2 - 1 1 5 0 - 0 5 R 9 2 - 1 1 3 8 - 0 5 R D 1 4 8 B 2 C 2 2 1 J R 9 2 - 1 1 4 7 - 0 5 R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R N 1 4 8 B 2 C 1 0 2 D R D 1 4 4 B B 2 C 1 0 2 D R D 1 4 4 B B 2 C 1 0 2 D R D 1 4 4 B B 2 C 1 0 2 D R D 1 4 4 B B 2 C 1 0 2 D	RES. CARBON RES. METAL FILM RES. CARBON RES. METAL FILM	1

REF	PARTS NO R92-1148-05 R914BB2C102J R014BB2C102J R92-1134-05 R92-1140-05 R92-1140-05 R92-1131-05 R014BB2C102J R014BB2C104J	NAME & DESCRIPTION RES. METAL FILM 18K 1% RES. CARBON 1K 5% RES. CARBON 1K 5% RES. METAL FILM 1K 1% RES. CARBON 1.6K 5% RES. METAL FILM 4.3K 1% RES. METAL FILM 4.3K 1% RES. CARBON 1.2K 5% RES. CARBON 1 1.0K 5% RES. CARBON 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1/5W 1/6W 1/6W 1/5W 1/5W 1/5W 1/6W 1/6W 1/6W 1/6W 1/6W 1/6W 1/6W 1/5W 1/5W 1/5W 1/5W 1/5W 1/5W 1/5W 1/5
R 0 7 2 R 0 7 3 R 0 7 4 R 0 7 5 R 0 7 6 R 0 7 7 R 0 7 8 R 0 7 9 R 0 8 0	R92-1143-05 R92-1061-05 R014BB2C104J R014BB2C104J R92-1150-05 R92-1141-05 R92-1137-05 R014BB2C471J R92-1143-05	RES. METAL FILM 6.8K 1% JUMPING RES. ZERO OHM RES. CARBON 100K 5% RES. CARBON 100K 1% RES. METAL FILM 100K 1% RES. METAL FILM 150 1% RES. CARBON 470 5% RES. METAL FILM 6.8K 1%	1/5W 1/6W 1/6W 1/5W 1/5W 1/5W 1/6W 1/5W
R 0 8 0 R 0 8 1 R 0 8 2 R 0 8 3 R 0 8 5 R 0 8 6 R 0 8 8 R 0 8 9 R 0 9 9 1 R 0 9 9 3 R 0 9 3 R 0 9 4 R 0 9 4	R92-1145-05 R92-1061-05 R92-1142-05 R014BB2C104J R92-1150-05 R92-1136-05 R914BB2C101J R92-1145-05 R014BB2C333J R014BB2C333J R014BB2C333J R014BB2C333J R014BB2C333J R014BB2C333J	RES. METAL FILM 10K 1% JUMPING RES. ZERO OHM RES. METAL FILM 5.1K 1% RES. CARBON 100K 5% RES. METAL FILM 100K 1% RES. METAL FILM 10 C 5% RES. CARBON 100 5% RES. CARBON 33K 5% RES. CARBON 33K 5% RES. CARBON 15K 5% RES. CARBON 47K 5% RES. CARBON 47K 5% RES. CARBON 47K 5% RES. CARBON 240 5%	1/5 W 1/5 W 1/6 W 1/5 W 1/5 W 1/5 W 1/5 W 1/6 W 1/6 W 1/6 W 1/6 W
R100 R1001 R1002 R1003 R1004 R1006 R1007 R1008 R1008 R1008 R1100 R1111 R1112 R1113 R1114 R1115 R1116 R1117 R1120 R1120 R12120 R1220 R1223 R1223	RD 1 4 B B 2 C 1 0 1 J RD 1 4 B B 2 C 1 0 1 J RD 1 4 B B 2 C 1 0 3 J RD 1 4 B B 2 C 1 0 3 J RD 1 4 B B 2 C 1 0 3 J RD 1 4 B B 2 C 1 2 3 J RD 1 4 B B 2 C 1 2 3 J RD 1 4 B B 2 C 2 3 2 J RD 1 4 B B 2 C 2 2 2 J RD 1 4 B B 2 C 2 2 2 J RD 1 4 B B 2 C 2 2 2 J RD 2 - 1 1 4 9 - 0 5 RD 1 4 B B 2 C 6 B 2 J RD 2 - 1 1 5 C 1 0 4 J RD 1 4 B B 2 C 6 B 2 J RD 2 - 1 1 5 C 1 0 4 J RD 1 4 B B 2 C 1 0 4 J RD 1 4 B B 2 C 1 0 4 J RD 1 4 B B 2 C 2 2 4 J RD 1 4 B B 2 C 1 0 4 J RD 1 4 B B 2 C 1 0 3 J RD 1 4 B B 2 C 1 0 2 J RD 1 4 B B 2 C 1 0 2 J RD 1 4 B B 2 C 1 0 4 J RD 1 4 B B 2 C 1 0 4 J RD 1 4 B B 2 C 1 0 4 J RD 1 4 B B 2 C 1 0 4 J RD 1 4 B B 2 C 1 0 5 D RD 1 4 B B 2 C 1 0 5 D RD 1 4 B B 2 C 1 0 5 J RD 1 4 B B 2 C C 1 0 5 J RD 1 4 B B 2 C C 1 0 5 J	RES. CARBON 100 5% RES. CARBON 100 5% RES. CARBON 3.9 K 5% RES. CARBON 10 K 5% RES. CARBON 12 K 5% RES. CARBON 2.2 K 1% RES. CARBON 100 K 5% RES. CARBON 2.2 K 1% RES. CARBON 100 K 5%	1/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWW11/66WWWWWWWW
R127 R128 R129 R130 R131 R132 R133	RD14BB2C911J R92-1133-05 RD14BB2C472J RD14BB2C103J R92-1149-05 RD14BB2C102J RD14BB2C103J RD14BB2C103J RD14BB2C103J	RES. CARBON 910 5% RES. METAL FILM 5.6k 1% RES. CARBON 4.7k 5% RES. CARBON 10k 5% RES. METAL FILM 22k 1% RES. CARBON 10k 5% RES. CARBON 10k 5% RES. CARBON 10k 5% RES. CARBON 10k 5%	1/6W 1/5W 1/6W 1/6W 1/5W 1/6W 1/6W

REF. NO	PARTS NO	NAME & DESCRIPTION RES. CARBON 1K 5% 1/6K RES. CARBON 4.7K 5% 1/6K
R135	RD14BB2C102J	RES. CARBON 1K 5% 1/6W
R136	RD14BB2C472J	RES. CARBON 4.7K 5% 1/6W
n 1 2 7	DD 1 4 D D 0 C 1 D C 1	DEC CARRON 10 EW 1/CL
R138	RD14BB2C102J	RES. CARBON 1K 5% 1/6W
R139	RD14DB3A330J	RES. CARBON 33 5% 1W
R140	RD14DB3A330J	RES. CARBON 33 5% 1W
R141	RD14DB2H102J	RES. CARBON 1K 5% 1/2W
R142	RD14DB2H102J	RES. CARBON 1K 5% 1/2W
R143	R92-0150-05	JUMPING RES. ZERO OHM
R144	RD14BB2C103J	RES. CARBON 1K 5% 1/6W RES. CARBON 33 5% 1W RES. CARBON 33 5% 1W RES. CARBON 1K 5% 1/2W RES. CARBON 1K 5% 1/2W JUMPING RES. ZERO OHM RES. CARBON 10K 5% 1/6W RES. CARBON 10K 5% 1/6W
11 0 0 1	N 1 M 0 7 2 D	FET INPUT OPERATION AMPLIFIER IC, VOLTAGE REGULATOR FET INPUT OPERATION AMPLIFIER OPERATIONAL AMPRIFIER OPERATIONAL AMPRIFIER FET INPUT OPERATION AMPLIFIER
11002	N 1 M 7 Q 1 5 A	IC NOTTACE DECITATOD
0002	N 1 M 0 7 9 D	FET INDUT OPERATION AMPLIFIED
11 0 0 4	0 P 0 7 D P	OPERATIONAL AMPRIFIER
0005	0P07DP	OPERATIONAL AMPRIFIER
11086	UPC4558C	OPERATIONAL AMPRIFIER
U 0 0 7	NJM072D	FET INPUT OPERATION AMPLIFIER
V O 1 O	NJM7815A	IC, VOLTAGE REGULATOR
U 0 1 1	UPC7915HA	IC, VOLTAGE REGULATOR
0012	UPC4558C	OPERATIONAL AMPRIFIER
U 0 1 3	NJM072D	FET INPUT OPERATION AMPLIFIER
U014	HA17555PS	TIMER
0015	TLP521-1(A)	PHOTO COUPLER
		IC. VOLTAGE REGULATOR IC. VOLTAGE REGULATOR OPERATIONAL AMPRIFIER FET INPUT OPERATION AMPLIFIER TIMER PHOTO COUPLER
0201	LM79LO5ACZ	REGULATOR
U 2 O 2	LM79L05ACZ LM79L05ACZ	REGULATOR
AKUUI	N12-1532-85	RES. SEMI FIXED 2K B RES. SEMI FIXED 50K B RES. SEMI FIXED 5K B RES. SEMI FIXED 50K B RES. SEMI FIXED 10K
V K U U Z	R12-4011-00	KES. SEMI PIKED SUK D
A K A A A	N12-2518-05	RES. SERI PIXED ON B
VKUU4	K12-4311-U3	NES. SEMI PIXED SUN D
A K O D O	R12-3033-00	RES. SERI FIXED IUN
V N U U U	R12-3334-U3	RES. SERI FIXED 2UK
A K A A A	N12-1531-05	NES. SEMI PINED SA D
V R U U O	R16-4011-00	RES. SEMI FIXED 10K RES. SEMI FIXED 20K RES. SEMI FIXED 3K B RES. SEMI FIXED 50K B RES. SEMI FIXED 3K B RES. SEMI FIXED 50K B RES. SEMI FIXED 50K B
V R U U U	D19_4511_05	DEC COMI DIVER SAV D
V R U I U	D19_4511-05	DRS SEMI FINED JUN D
AKOII	#15-4011-00	RES. SENT FIRED OUR D
V R fi 2 fi	R12-3522-05	RES. SEMI FIXED 10K B

DIGITAL PANEL METER UNIT (PD56-10D)

	X7	6-1260-07	
C001 C002 C003	PARTS NO B33-4072-00 J25-5119-12 CE04CW1A470M CE04CW1A100M C91-1204-05	CAP. ELECTRO 10 20% CAP. CERAMIC 8.22	10 V 10 V 150 V
C004 C005 C006 C007 C008 C009	CF92V1H473J CF92V1H104J CM93BD2A101J CF92V1H223J C91-1205-05 NO USE	CAP. POLYESTER 0.1 5% CAP. MICA 100P 5% CAP. POLYESTER 0.022 5% CAP. CERAMIC 0.1	50 V 50 V 100 V 50 V
C010 C011	CE04CW1V2R2M C91-0591-05	CAP. CERANIC 0.22	35 V 50 V
C031 C032 C033 C034 C035 C036 C037	CE04CH1A470M CE04CH1A100M C91-1204-05 CF92V1H473J CF92V1H104J CM93BD2A101J CF92V1H223J	CAP. ELECTRO 10 20% CAP. CERAMIC 0.22 CAP. POLYESTER 0.047 5% CAP. POLYESTER 0.1 5% CAP. HICA 100P 5%	10 V 10 V 15 0 V 5 0 V 5 0 V 1 0 0 V 5 0 V
D001 D002 D003 D004 D005 D006 D007 D008 B009	GL9D03D GL9D03D GL9D03D GL9D03D LT9D02D 1SS132 1S1544A 1S1544A	DIODE DIODE DIODE DIODE DIODE DIODE DIODE DIODE DIODE	
D031 D032 D033 D034 D035	GL9D03D GL9D03D GL9D03D GL9D03D LT9002D	DIODE DIODE DIODE LED	

REF.NO POO3	PARTS NO E31-2513-15	NAME & DESCRIPTION LEAD WIRE WITH CONNECTOR		PARTS NO CEO4CW1V2R2M	NAME & DESCRI	2.2	20%	35 V
P004	E31-2512-15	LEAD WIRE WITH CONNECTOR		C91-0591-05	CAP. CERANIC	0.22		5 0 V
P204 Q001	B31-2520-15 DTC144EF	TR. SI, NPN	C032	CE04CW1A470M CE04CW1A100M	CAP. ELECTRO CAP. ELECTRO CAP. CERAMIC		20%	10V 10V 150V
0002 0003 0004	DTC144EF DTA124EF 2SK117(GR)	TR. SI, NPN TR. SI, PNP FET. N-CHANNEL	C 0 3 4 C 0 3 5	C91-1204-05 CF92V1H473J CF92V1H104J CM93BD2A101J	CAP. POLYESTER CAP. POLYESTER CAP. MICA	0.047	5% 5% 5%	50 V 50 V 100 V
R 0 0 1	RN 14BK2C4703F	RES. METAL FILM 470K 1% 1/6	W	CF92V1H223J	CAP. POLYESTER	0.022	5%	5 0 V
R 0 0 2 R 0 0 3 R 0 0 4 R 0 0 5 R 0 0 6	RN14BK2C1103F RD14BB2C182J RN14BE2E1502F RN14BE2E1002F RD14BB2C161J	RES. METAL FILM 110K 1% 1/61 RES. CARBON 1.8K 5% 1/61 RES. METAL FILM 15K 1% 1/41 RES. METAL FILM 10K 1% 1/41 RES. CARBON 160 5% 1/61	W D006 W D007 LW D008	LT9002D 1SS132 1S1544A 1S1544A 1SS132	LED DIODE DIODE DIODE DIODE			
R 0 0 9 R 0 1 0	RD14BB2C123J RD14BB2C333J	RES. CARBON 12K 5% 1/69 RES. CARBON 33K 5% 1/69		LT9002D	LED			
R 0 1 1 R 0 1 2 R 0 1 3	RD14BB2C104J RD14BB2C104J RD14BB2C103J	RES. CARBON 100K 5% 1/6/ RES. CARBON 100K 5% 1/6/ RES. CARBON 10K 5% 1/6/	W P003	E31-2513-15 E31-2512-15	LEAD WIRE WITH C			
R O 1 4 R O 1 5	R92-1061-05 RD14BB2C301J	JUMPING RES. ZERO OHM RES. CARBON 300 5% 1/6	i W	E31-2520-15	LEAD WIRE WITH (ONNECT	OR	
R016 R017 R018 R019	RD14BB2C301J RD14BB2C103J RD14BB2C104J RN14BC2E1001F	RES. CARBON 300 5% 1/60 RES. CARBON 10K 5% 1/60 RES. CARBON 10OK 5% 1/60 RES. METAL FILM 1K 1% 1/40	W 0002	DTC144EF DTC144EF DTA124EF 2SK117(GR)	TR. SI, NPN TR. SI, NPN TR. SI, PNP FET. N-CHANNEL			
R 0 2 2 R 0 2 3	RN 14BK2C1501F RN 14BK2C13B1F	RES. METAL FILM 1.5K 1% 1/60 RES. METAL FILM 1.3K 1% 1/60		GL9D03D	DIODE			
R 0 2 4 R 0 2 5 R 0 2 6	RN14BK2C2201F RN14BC2E1002F RD14BB2C161J	RES. METAL FILM 2.2K 1% 1/6 RES. METAL FILM 10K 1% 1/4 RES. CARBON 160 5% 1/6	W R001 W R002	RN14BK2C4703F Gl9D03D	RES. METAL FILM DIODE	470K	1%	1/6W
R 0 2 7 R 0 2 8 R 0 2 9	RD14BB2C364J R92-1146-05 R92-1143-05	RES. CARBON 360K 5% 1/60 RES. METAL FILM 11K 1% 1/50 RES. METAL FILM 6.8K 1% 1/50	W R003	RN14BK2C1103F GL9D03D	RES. METAL FILM DIODE	110K	1%	1/6W
R 0 3 0 R 0 3 1	NO USE RN14BK2C4703F	RES. HETAL FILM 470K 1% 1/6	R 0 0 3 R 0 0 4	RD14BB2C182J GL9D03D	RES. CARBON DIODE	1.8K	5%	1/6W
R 0 3 2 R 0 3 3 R 0 3 4 R 0 3 5 R 0 3 6	RN14BK2C1103F RD14BB2C182J RN14BE2E1502F RN14BE2E1002F RD14BB2C161J	RES. METAL FILM 110K 1% 1/61 RES. CARBON 1.8K 5% 1/61 RES. METAL FILM 15K 1% 1/41 RES. METAL FILM 10K 1% 1/41 RES. CARBON 160 5% 1/61	W R004 W R005 W R006	RN14BE2E1502F RN14BE2E1002F RD14BB2C161J	RES. METAL FILM RES. METAL FILM RES. CARBON	10K	1%	1/4W 1/4W 1/6W
R 0 3 7	RD14BB2C391J	RES. CARBON 390 5% 1/60		RD14BB2C123J RD14BB2C333J	RES. CARBON RES. CARBON			1/6W 1/6W
R 0 4 8 R 0 4 9 R 0 5 0	RD14BB2C104J NO USE RN14BC2E6201F	RES. CARBON 100K 5% 1/60 RES. METAL FILM 6.2K 1% 1/41	R011 R012	RD14BB2C104J RD14BB2C184J	RES. CARBON RES. CARBON RES. CARBON	100K 100K	5%	1/6W 1/6W 1/6W
R 0 5 5	RN 14BC2E1802F	RES. METAL FILM 18K 1% 1/40	R014	RD14BB2C103J R92-1061-05 RD14BB2C301J	JUMPING RES. RES. CARBON	ZERO O		1/6W
R 0 5 6 R 2 1	RD 14BB2C161J RN 14BK2C2001F	RES. CARBON 160 5% 1/60 RES. METAL FILM 2K 1% 1/60	W R016	RD14BB2C301J RD14BB2C103J	RES. CARBON RES. CARBON	300		1/6W 1/6W
U 0 0 1 U 0 0 2 U 0 0 3	TSC7187CPL-A LM336Z2.5	OPBRATINAL AMPLIFIER 2.5V REFERENCE DIODE	R018 R019	RD14BB2C104J RN14BC2E1001F	RES. CARBON RES. METAL FILM	100K	5 % 1 %	1/6W 1/4W
U 0 0 4	LM339N MC14011BCP	QUAD COMPARATOR QUAD 2-INPUT NAND GATE	R020 R021	NO USE RN14BK2C2001F	RES. METAL FILM RES. METAL FILM			1/6W 1/6W
U 0 3 1 U 0 3 2	TSC7107CPL-A LM336Z2.5	OPERATINAL AMPLIFIER 2.5V REFERENCE DIODE	R 0 2 2 R 0 2 3 R 0 2 4	RN14BK2C1501F RN14BK2C1301F RN14BK2C2201F	RES. METAL FILM RES. METAL FILM	1.3K 2.2K	1 % 1 % 1 %	1/6W 1/6W
	R12-3518-05 R12-0568-05	RES. SEMI FIXED 10K B RES. SEMI FIXED 500	R 0 2 5 R 0 2 6	RN14BC2E1002F RD14BB2C161J	RES. METAL FILM RES. CARBON	160	1 % 5 %	1/4W 1/6W 1/6W
	R12-0556-05	RES. SEMI FIXED 100 B	R 0 2 7 R 0 2 8 R 0 2 9	RD14BB2C364J R92-1146-05 R92-1143-05	RES. CARBON RES. METAL FILM RES. METAL FILM	11K	5 % 1 % 1 %	1/5W 1/5W
	R12-3518-05 R12-0568-05	RES. SEMI FIXED 10K B RES. SEMI FIXED 500	R 0 3 0 R 0 3 1 R 0 3 2	NO USE RN14BK2C4703F GL9D03D	RES. METAL FILM			1/6W
DIGIT	AL PANEL ME	TER UNIT (PD56-6D)	R 0 3 2	RN14BK2C1103F	RES. METAL FILM	110K	1 %	1/6W
	X7(6-1260-08	R033	GL9D03D	DIODE	1 04		1 /6 4
REF.NO	PARTS NO E33-4072-00	NAME & DESCRIPTION WIRE ASSY	R 0 3 3 R 0 3 4	RD14BB2C182J GL9D03D	RES. CARBON DIODE	1.8K		1/6W
C 0 0 1 C 0 0 2	J25-5119-12 CE04CW1A470M	PCB (UNMOUNTED) CAP. ELECTRO 47 20% 10		RN14BE2E1502F RN14BE2E1002F	RES. METAL FILM	1 G K	1%	1/4W 1/4W 1/6W
C003 C004	CB 04CH1A100H C91-1204-05 CF 92V1H473J	CAP. ELECTRO 10 20% 10 CAP. CERAMIC 0.22 15 CAP. POLYESTER 0.047 5% 50	50V R837	RD14BB2C161J RD14BB2C391J	RES. CARBON RES. CARBON			1/6W
C005 C006	CF 92V1H104J CF 93BD2A101J	CAP. POLYESTER 0.1 5% 50 CAP. NICA 100P 5% 10	V R048	RD14BB2C104J NO USE	RES. CARBON	100K	5 %	1/6W
C007 C008	CF92V1H223J C91-1205-05	CAP. POLYESTER 0.022 5% 50 CAP. CERAMIC 0.1 50	ROSO	RN14BC2E3241F	RES. METAL FILM			1/4W
C009	NO USE		R 0 5 5	RN14BC2E1802F	RES. METAL FILM	18K	1 %	1/4W

REP.NO	PARTS NO	NAME & DESCRIPTION
R 0 5 6	RD14BB2C161J	RES. CARBON 160 5% 1/69
U 0 0 1	TSC7107CPL-A	OPERATINAL AMPLIFIER
0002	LM336Z2.5	2.5V REFERENCE DIODE
0003	LN339N	QUAD COMPARATOR
0004		QUAD 2-INPUT NAND GATE
U 0 3 1	TSC7107CPL-A	OPERATINAL AMPLIFIER
0032	LM336Z2.5	2.5V REFERENCE DIODE
V R O O 1	R12-3518-05	RES. SEMI FIXED 10K B
VR002	R12-0568-05	RES. SEMI FIXED 500
V R O O 3	R12-0556-05	RES. SEMI FIXED 100 B
VR031	R12-3518-05	RES. SEMI FIXED 10K B
V R 0 3 2	R12-0568-05	RES. SEMI FIXED 500

OVER VOLTAGE PROTECTION UNIT

X77-1	400-	03
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EF.NO	PARTS NO	NAME & DESCRI	IPTION
	J19-1641-14	HOLDER FOR LED	
	J25-5158-23	PCB (UNMOUNTED)	
C 0 0 1	CF92V1H103J	CAP. POLYESTER	0.01 5% 50
002	NO USE	CAR CERAMIC	1000P 10% 50
C 0 0 3 C 0 8 4	CK45B1H102K	CAP. CERAMIC CAP. POLYESTER	
	CF92V1H103J	CAP. PULIESIEK	0.01 5% 50
007	CE04W1B470M	CAP. ELECTRO	47 20% 50
0001	DSA1A2	DIODE	
0002	DSA1A2	DIODE	
0003	DSA1A2	DIODE	
0004	DSA1A2	DIODE	
0005	RD6.2EB3 1SS132	DIODE	
0007	188132	DIODE	
0008	188132	DIODE	
0009	188132	DIODE	
0110	CSM2B2A30	SCR	
011	DSA1A2	DIODE	
012	188132	DIODE	
013	LN222RP	LED	
014	DSA1A2	DIODE	
0015	DSA1A2	DIODE	
016	188132	DIODE	
017	188132	DIODE	
005	E40-0273-05	PIN CONNECTOR	2 P
006	E40-1373-05	PIN CONNECTOR	13 P
007	E40-0273-05	PIN CONNECTOR	2 P
008	E40-0373-05	PIN CONNECTOR	3 P
2009	E40-0273-05	PIN CONNECTOR	2 P
P010	E40-0273-05	PIN CONNECTOR	2 P
P011	E40-0273-05	PIN CONNECTOR	2 P
012	E40-0273-05	PIN CONNECTOR	2 P
2302 2303	E40-8273-85 NO USE	PIN CONNECTOR	2 P
9304	E40-0273-05	PIN CONNECTOR	2 P
305	E40-0273-05	PIN CONNECTOR	2 P
001	2SC2481(0)	TR. SI, NPN	
1002	2SA1175(F)	TR. SI, PNP	
0003	2SC2785(F)	TR. SI, NPN	
1004	2SC2785(F)	TR. SI, NPN	
005	2SA1175(F)	TR. SI, PNP	
2001	RD14DB3A102J	RES. CARBON CAP. ELECTRO	1K 5% 1W 100 20% 16
002	CEO4W1C101M		
002	RD14DB3A102J	RES. CARBON	1K 5% 1W 3.83K 0.5%1/4
2003	RN14BE2E3831D	RES. METAL FILM	
2004	RN14BE2H1962D	RES. METAL FILM	19.6K0.5% 1/2 100 20% 16
R 0 0 5	CEO4W1C101M	CAP. ELECTRO	
2005	RN14BC2E2200F	RES. METAL FILM	220 1% 1/4 100 20% 16
8006	CEO4W1C101H	CAP. ELECTRO	• • • • • • • • • • • • • • • • • • • •
2006 2007	RN14BC2E1000F	RES. METAL FILM RES. METAL FILM	100 1% 1/4 750 1% 1/2
	RN14BC2H7500F RD14BB2C102J	RES. CARBON	18 5% 1/6
R O O 8	RD14BB2C392J	RES. CARBON	3.9K 5% 1/6

REF. NO	PARTS NO	NAME & DESCRI	PTION
R 0 1 0	RD14BB2C471J	RES. CARBON	470 5% 1/6W
R 0 1 1	RD14BB2C102J	RES. CARBON	1K 5% 1/6W
R012	RD14BB2C272J	RES. CARBON	2.7K 5% 1/6W
R 0 1 3	RD14BB2C471J	RES. CARBON	470 5% 1/6W
R014	RD14BB2C102J	RES. CARBON	1K 5% 1/6W
R015	RD14BB2C102J	RES. CARBON	1K 5% 1/6W
R016	RD14BB2C223J	RES. CARBON	22K 5% 1/6W
R017	RD14BB2C1B3J	RES. CARBON	10K 5% 1/6W
R018	RD14BB2C221J		220 5% 1/6%
R019	RD14BB2C102J	RES. CARBON	1K 5% 1/6W
R 0 2 0	RD14BB2C362J	RES. CARBON	3.6% 5% 1/6W
R021	RD14BB2C182J	RES. CARBON	1.8K 5% 1/6W
	RD14BB2C621J	RES. CARBON	620 5% 1/6W
R 0 2 3	RD14BB2C101J	RES. CARBON	100 5% 1/6%
	RD14DB2H222J	RES. CARBON	2.2K 5% 1/2k
	RD14DB2H102J	RES. CARBON	1K 5% 1/2W
	RD14BB2C103J		10K 5% 1/6K
	RD14BB2C512J		5.1K 5% 1/6W
R 0 2 8	RD14BB2C361J	RES. CARBON	360 5% 1/6
R 0 3 1		RES. METAL FILM	
	RD14BB2C183J		18K 5% 1/6
	RD14BB2C272J		2.7K 5% 1/6K
R 0 3 4	RD14BB2E162J	RES. CARBON	1.6K 5% 1/4
	840-1519-05		
	\$40-1518-05		
8003	S40-1518-05	PUSH SWITCH	
U 0 0 1	NJM311D	1 C	
U 0 0 2	UPC4558C	OPERATIONAL AMPR	10100
0002	01040000	OTERALIONAL ABER	111168
VPAAI	R12-1524-05	RES. SEMI FIXED	2.5K
* 4 4 4 4 1	419-1054-00	HOO. OUNI TINED	5. U N

RECTIFIER UNIT (PD56-10/10D)

	X8	31-1590-01	
EF.NO		NAME & DESCRIPTION	
	E33-4098-00	WIRE ASSY	
	J25-5100-03 212-1018-05	PCB (UNMOUNTED) Tube (Plastic)	
C007	CF93AN2G104K	CAP. POLYESTER 0.1	10% 400
C008	CF93AN2G104K	CAP. POLYESTER 0.1	10% 400
C009	CF93AN2G104K	CAP. POLYESTER 0.1	10% 400
D003 D004	CTM-34R NO USE	DIODE	
D005	CTM-34R	DIODE	
D006	CTM-34R	DIODE	
D016	DSA1A4	DIODE	
J001	E23-0555-05	G. TERMINAL	
J002	E23-0555-05	G. TERMINAL	
J003	E23-0555-05	G. TERMINAL	
J004	E23-0555-05	G. TERMINAL	
J005	E23-0555-05	G. TERMINAL	
1006	E23-0555-05	G. TERMINAL	
J007	E23-0555-05	G. TERMINAL	
1008	E23-0555-05	G. TERMINAL	
1009	E23-0556-05	G. TERMINAL	
P021	E40-0373-05	PIN CONNECTOR 3 P	
P022	E40-0273-05	PIN CONNECTOR 2 P	
P023	E40-0573-05	PIN CONNECTOR 5 P	
9001	2SC3281(R)	TR. SI. NPN	
9002	2SC3281(R)	TR. SI, NPN	
0003	2SC3281(R)	TR. SI. NPN	
0004	2SC3281(R)	TR. SI, NPN	
0005	2SC3281(R)	TR. SI, NPN	
R001	R92-1167-05	RES. FIXED	
R002	R92-1167-05	RES. FIXED	
R 0 0 3 R 0 0 4	R92-1167-05 R92-1167-05	RES. FIXED RES. FIXED	
R005	R92-1167-05	RES. FIXED	
R006	NO USE	neo. Fines	
R007	RD14DB2H101J	RES. CARBON 100	5% 1/2
R011	RD14DB3A330J	RES. CARBON 33	5% 1W
R012	RD14DB3A330J	RES. CARBON 33	5% 1W
R013	RD14DB3A330J	RES. CARBON 33	5% 1W

RECTIFIER UNIT (PD56-6/6D)

	X	31-1590-02		_
C007 C008 C009	PARTS NO E33-4098-00 J25-5100-03 212-1018-05 CF93AN2G104K CF93AN2G104K	NAME & DESCR WIRE ASSY PCB (UNMOUNTED) TUBE (PLASTIC) CAP. POLYESTER CAP. POLYESTER CAP. POLYESTER	0.1 10% 4 0.1 10% 4	8 C 0 0 0 0
D003 D004 D005 D006	CTM - 34R NO USE CTM - 34R CTM - 34R	DIODE DIODE DIODE		
J0016 J002 J003 J004 J005 J006 J007 J008 J009	E23 - 0555 - 05	G. TERMINAL		
P021 P022 P023	E 40 - 0373 - 05 E 40 - 0273 - 05 E 40 - 0573 - 05	PIN CONNECTOR PIN CONNECTOR PIN CONNECTOR	3 P 2 P 5 P	
9801 9802 9803 9804 9805	2SC3281(R) NO USE 2SC3281(R) NO USE 2SC3281(R)	TR. SI, NPN TR. SI, NPN TR. SI, NPN		
R 0 0 1 R 0 0 2 R 0 0 3 R 0 0 4 R 0 0 5 R 0 0 6 R 0 0 7	R92-1167-05 NO USE R92-1167-05 NO USE R92-1167-05 NO USE R92-1167-05 NO USE RD14DB2H101J	RES. FIXED RES. FIXED RES. FIXED RES. CARBON	100 5% 1/	′2₩
R 0 1 1 R 0 1 2 R 0 1 3	RD14DB3A330J RD14DB3A330J RD14DB3A330J	RES. CARBON RES. CARBON RES. CARBON	33 5% 1	W

CURRENT DIFECTER UNIT (PD56-6)

X81-1850-00

REF. NO	PARTS NO	NAME & DESCRIPTION
	J25 - 5135 - 14	PCB (UNMOUNTED)
	212-1018-05	TUBE (PLASTIC)
J 0 1 1	E23-0555-05	G. TERMINAL
J012	E23-0555-05	G. TERMINAL
J013	E23-0555-05	G. TERMINAL
P207	E40-0273-05	PIN CONNECTOR 2 P
P 2 0 8	E40-0373-05	PIN CONNECTOR 3 P
R 0 1 0	R92-1168-05	RES. FIXED

CURRENT DIFECTER UNIT (PD6-6D)

X81-1850-01				
REF.NO	PARTS NO	NAME & DESCR	IPT	1 O N
	J25-5135-14	PCB (UNMOUNTED)		
	212-1018-05	TUBE (PLASTIC)		
J011	E23-0555-05	G. TERMINAL		
J012	E23-0555-05	G. TERMINAL		
J013	E23-0555-05	G. TERMINAL		
P 2 8 5	E40-0273-05	PIN CONNECTOR	2	P
P 2 0 6	NO USE			
	E40-0273-05	PIN CONNECTOR	2	P
P 2 0 8	E40-0373-05	PIN CONNECTOR	3	P
R010	R92-1168-05	RES. FIXED		

CONSTANT I UNIT (PD56-10/10D)

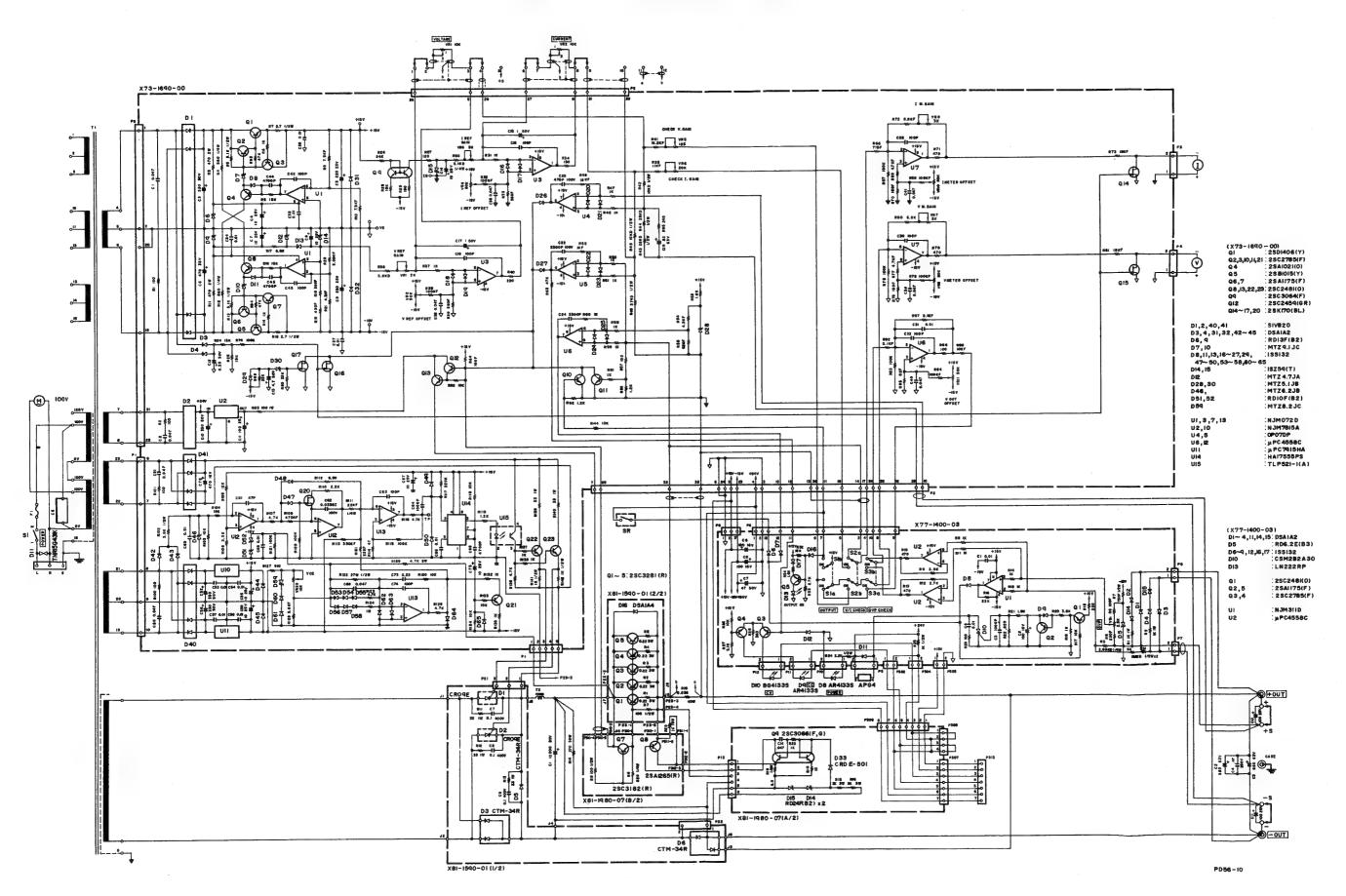
X81-1980-07

X81-1980-07					
	PARTS NO E33-4110-00 J25-5157-03 212-1018-05 CF92V1H473J	NAME & DESCRI WIRE ASSY PCB (UNMOUNTED) TUBE (PLASTIC) CAP. POLYESTER	PTION 0.047	5%	50 V
D015 D016	RD24F(B2) RD24F(B2)	DIODE			
D033	CRDE-541	DIODE			
P013	E40-0673-05	PIN CONNECTOR	6 P		
P309 P310	E40-0873-05 E40-0473-05 E40-0473-05 E40-0273-05	PIN CONNECTOR PIN CONNECTOR PIN CONNECTOR PIN CONNECTOR PIN CONNECTOR PIN CONNECTOR	7 P 8 P 4 P 4 P 2 P 3 P		
0007 0008 0009	2SC3182(R) 2SA1265(R) 2SC3866(F.G)	TR. SI, NPN TR. SI, PNP TR. SI, NPN			
R008 R009	RD14BB2E821J RD14DB2H101J	RES. CARBON Res. Carbon	820 100	5 % 5 %	1/4W 1/2W
R015 R016 R017	RD14DB3F302J RD14DB3F302J NO USE	RES. CARBON RES. CARBON	3 K 3 K	5 % 5 %	3 W
	RD14BB2C102J RD14DB2H6R8J	RES. CARBON	1 K	5%	1/6W
R022	RD14BB2C102J	RES. CARBON	1 K	5 %	1/6W

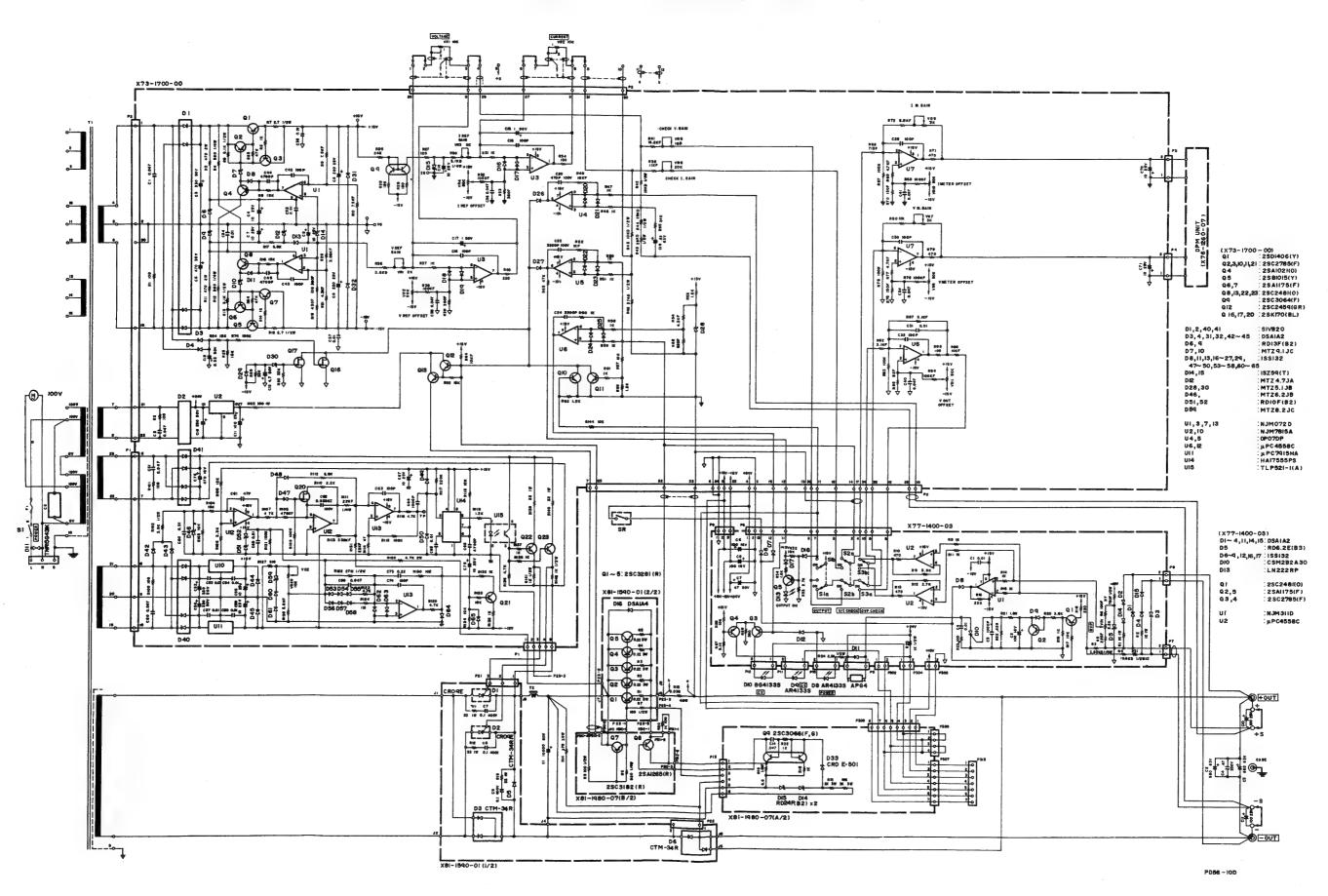
CONSTANT I UNIT (PD56-6/6D)

X81-1980-08				
	PARTS NO E33-4110-00 J25-5157-03 212-1018-05	PCB (UNMOUNTED) TUBE (PLASTIC)		
D015	CF92V1H473J RD24F(B2) RD24F(B2)	CAP. POLYESTER DIODE DIODE	0.047	5% 50V
D033	CRDE-501	DIODE		
P 0 1 3	E40-0673-05	PIN CONNECTOR	6 P	
P308 P309 P310 P311	E40-0473-05	PIN CONNECTOR PIN CONNECTOR PIN CONNECTOR	7 P 8 P 4 P 4 P 2 P 3 P	·
9007 9008 9009	2SC3182(R) 2SA1265(R) 2SC3066(F,G)	TR. SI, NPN TR. SI, PNP TR. SI, NPN		
R 0 0 8 R 0 0 9	RD14BB2E821J RD14DB2H101J	RES. CARBON RES. CARBON	820 100	5% 1/4W 5% 1/2W
	NO USE	RES. CARBON RES. CARBON	3 K	5% 3W 5% 3W
R 0 1 8 R 0 1 9	RD14BB2C102J RD14DB2H6R8J	RES. CARBON	1 K	5% 1/6W
R022	RD14BB2C102J	RES. CARBON	1 K	5% 1/6W

SCHEMATIC DIAGRAM (PD56-10)

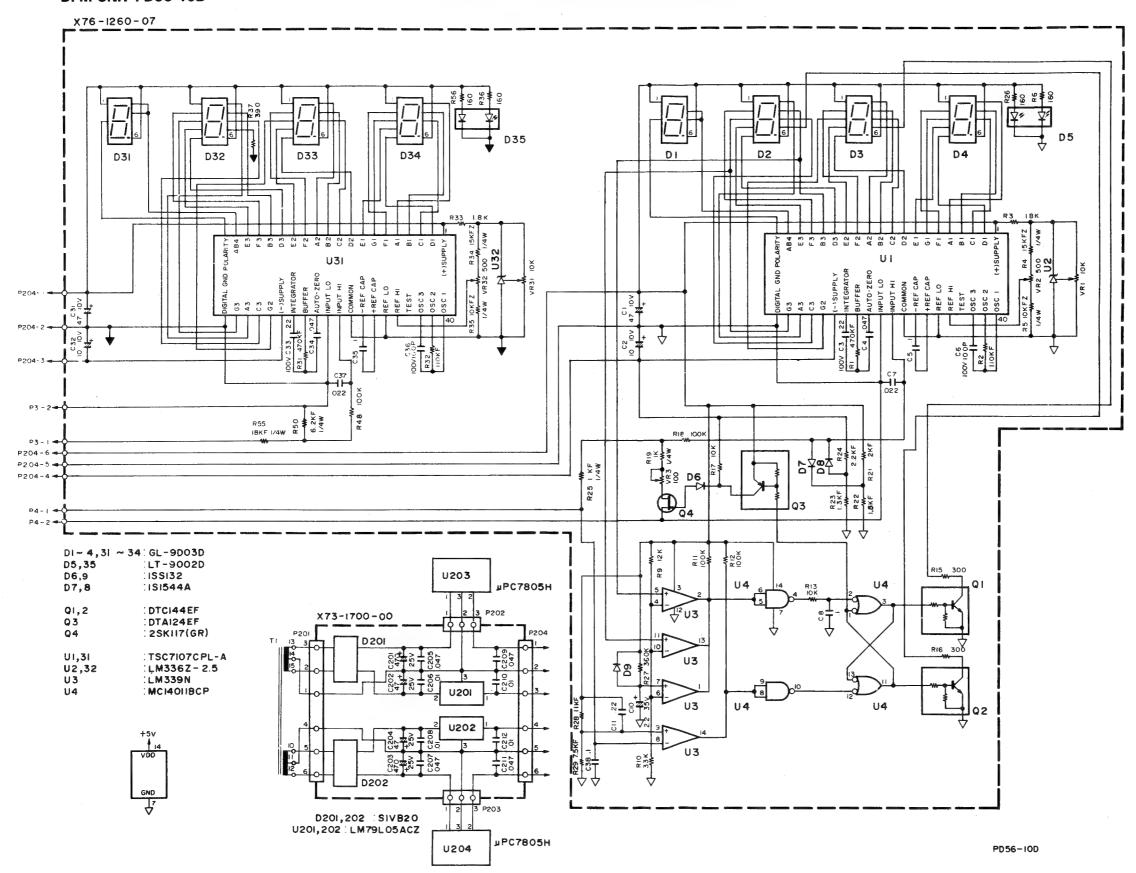


SCHEMATIC DIAGRAM (PD56-10D)

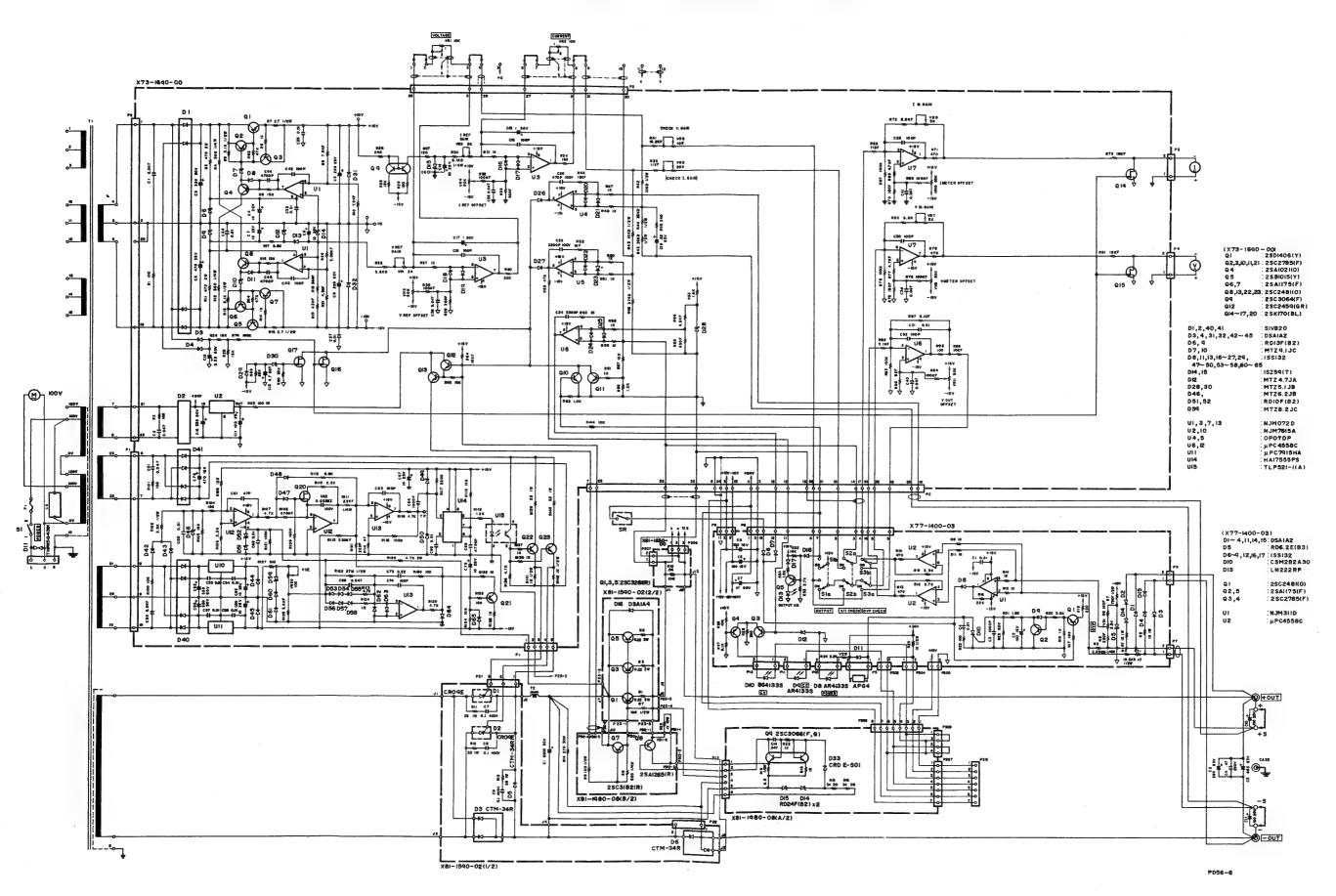


SCHEMATIC DIAGRAM (PD56-10D)

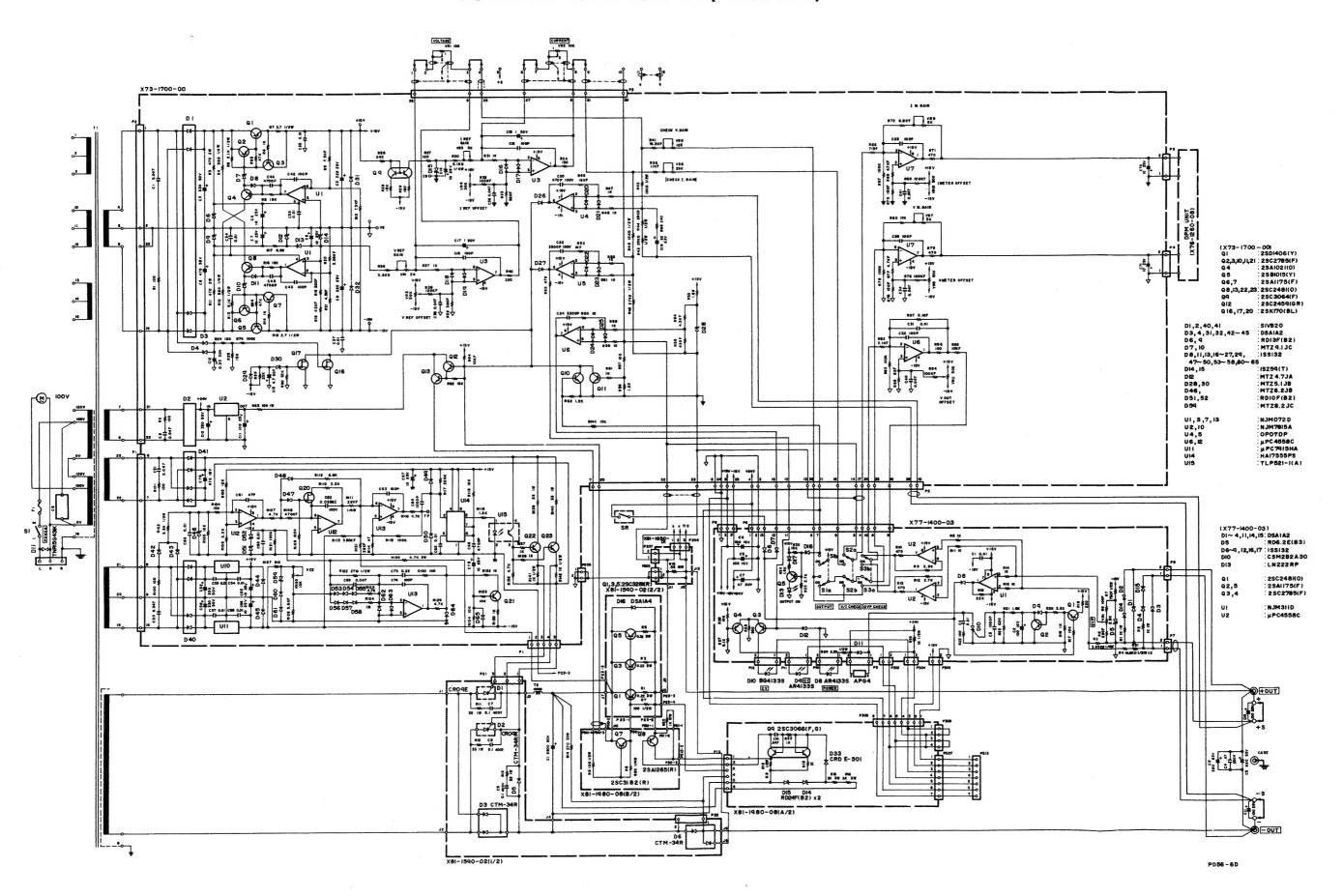
DPM UNIT PD56-10D



SCHEMATIC DIAGRAM (PD56-6)

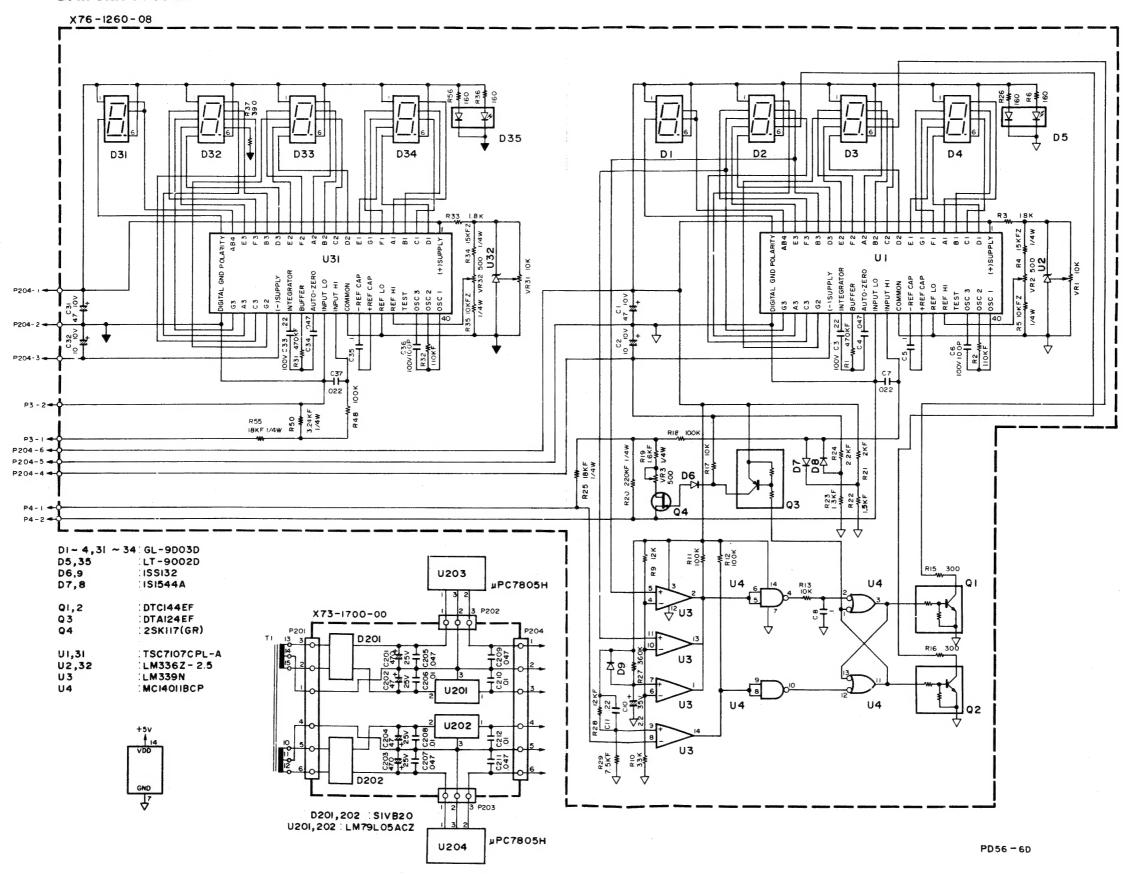


SCHEMATIC DIAGRAM (PD56-6D)

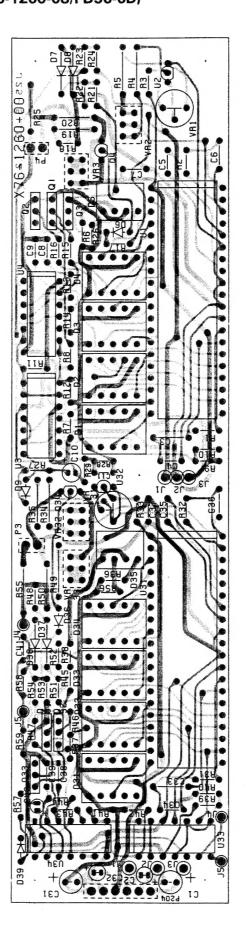


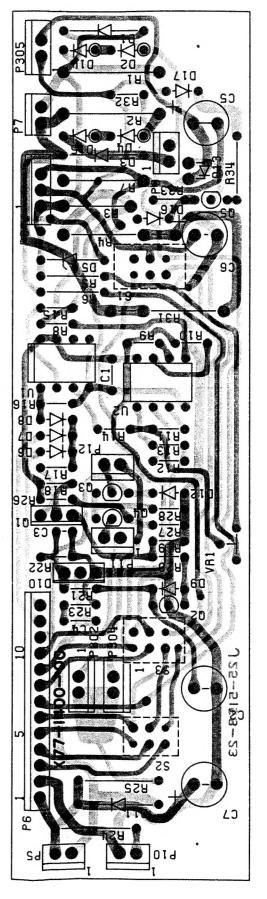
SCHEMATIC DIAGRAM (PD56-6D)

DPM UNIT PD56-6D



DIGITAL PANEL METER UNIT (X76-1260-07/PD56-10D) (X76-1260-08/PD56-6D) OVER VOLTAGE PROTECTION UNIT (X77-1400-03)

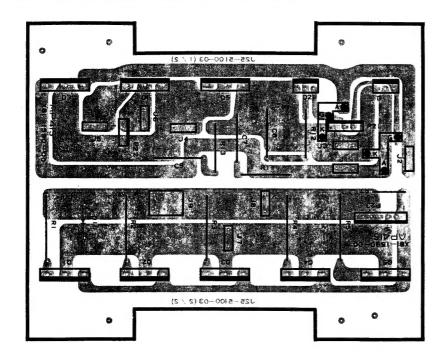




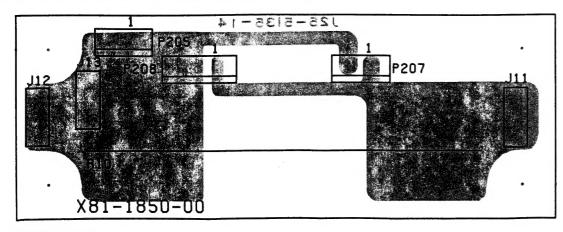
P. C. BOARD

RECTIFIER UNIT

(X81-1590-01/PD56-10/10D) (X81-1590-02/PD56-6/6D)

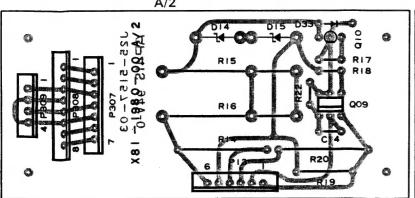


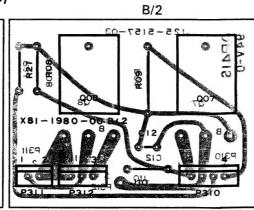
CURRENT DIFECTER UNIT (X81-1850-00/PD56-6) (X81-1851-01/PD56-6D)



CONSTANT I UNIT

(X81-1980-07/PD56-10/10D) (X81-1980-08/PD56-6/6D) A/2





A product of KENWOOD CORPORATION

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